BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No.	1	Measurement Sheet					
Item Name	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)						
	Premeasurement recorded on:						
	Chainage / Land Mark	NO	L (m)	B (m)	D (m)	QTY	UNIT
	For Drain Desilting						
	Kenchanahalli						
	Kenchanahalli 3rd Main N/s	130	0.75	0.60	-	58.50	Sqm
		37	0.90	0.60	-	19.98	" "
	Near Samudhayabhavan	82	0.75	0.60	-	36.90	" "
	Kenchanahalli 3rd Main S/s	27	1.20	0.60	-	19.44	" "
		22	0.90	0.60	-	11.88	" "
	Kenchanahalli 1st Cross W/s	133	0.90	0.60	-	71.82	" "
	Kenchanahalli 1st Cross E/s	17	0.90	0.60	-	9.18	" "
		23	0.75	0.60	-	10.35	" "
		87	0.75	0.60	-	39.15	" "
	Cross Road E/s	98	0.75	0.60	-	44.10	" "
	Cross Road W/s	96	0.75	0.60	-	43.20	" "
	Railway Paralell road	133	0.75	0.60	-	59.85	" "
	Harohalli						
	Cross1	23	0.75	0.60	-	10.35	" "
	L Shape	22	0.75	0.60	-	9.90	" "
	Dead End	65	0.75	0.60	-	29.25	" "
		35	0.90	0.60	-	18.90	" "
	Cross2 N/s	70	0.75	0.60	-	31.50	" "
	S/s	24	0.75	0.60	-	10.80	" "
	Nagenahalli					0.00	" "
	Cross Road N/s	35	0.75	0.60	-	15.75	" "
	S/s	27	0.75	0.60	-	12.15	" "
					Net Qty to be Paid	562.95	Sqm

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No.	2	Measurement Sheet
Item Name	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 8km lead= 57+2.0x1.28x =77.48	

Premeasurement recorded on:

Chainage		NO	L	B1	B2	Avg B	D1	D2	Avg D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)	(m)	(m)		
For RCC Drain											
Kenchanahalli Railway Paralell Road Gully											
0.00	22.00	1	22.00	0.90	0.90	0.90	0.90	1.10	1.00	19.80	Cum
10th main rd(W0087) from 5th to 4th cross rd E/S											
0.00	28.50	1	28.50	1.10	1.10	1.10	1.10	1.10	1.10	34.49	Cum
1st main rd(W0043) 8th cross rd to 10th cross rd E/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	Cum
30.00	60.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
60.00	90.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
90.00	120.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
120.00	141.50	1	21.50	1.10	1.10	1.10	1.10	1.10	1.10	26.02	" "
Chowdeshwari Temple Near Masjid											
0.00	20.00	1	20.00	1.10	1.10	1.10	1.10	1.10	1.10	24.20	Cum
Cross rd(W0193)E/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	Cum
30.00	60.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
60.00	90.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
90.00	120.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
120.00	126.00	1	6.00	1.10	1.10	1.10	1.10	1.10	1.10	7.26	" "
Cross rd(W0193)W/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	Cum
30.00	60.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
60.00	90.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
90.00	120.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
120.00	125.50	1	5.50	1.10	1.10	1.10	1.10	1.10	1.10	6.66	" "
Cross rd(W0138)N/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	Cum
30.00	60.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	" "
60.00	90.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	" "
90.00	115.00	1	25.00	1.10	1.10	1.10	0.90	0.90	0.90	24.75	" "
Cross rd(W0138)S/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	Cum
30.00	60.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	" "
60.00	90.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	" "
90.00	99.00	1	9.00	1.10	1.10	1.10	0.90	0.90	0.90	8.91	" "
Harohalli cross rd N/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	Cum
30.00	60.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	" "
60.00	88.60	1	28.60	1.10	1.10	1.10	0.90	0.90	0.90	28.31	" "
Harohalli cross rd S/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	Cum
30.00	60.00	1	30.00	1.10	1.10	1.10	0.90	0.90	0.90	29.70	" "
60.00	82.20	1	22.20	1.10	1.10	1.10	0.90	0.90	0.90	21.98	" "
Kenchenahalli Cross rd 1 (W0257)E/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	Cum

Asst. Executive Engineer
Yelahanka Sub. Division

Executive Engineer
Yelahanka, Bangalore

Chainage		NO	L	B1	B2	Avg B	D1	D2	Avg D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)	(m)	(m)		
30.00	60.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
60.00	90.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
90.00	120.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
120.00	150.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
150.00	175.10	1	25.10	1.10	1.10	1.10	1.10	1.10	1.10	30.37	" "
Kenchenahalli Cross rd 1 (W0257)W/S											
0.00	30.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	Cum
30.00	60.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
60.00	90.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
90.00	120.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
120.00	150.00	1	30.00	1.10	1.10	1.10	1.10	1.10	1.10	36.30	" "
150.00	174.80	1	24.80	1.10	1.10	1.10	1.10	1.10	1.10	30.01	" "
For RCC Culverts											
Chowdeshwari Temple Near Masjid		1	11.00	1.50	1.50	1.50	0.95	0.95	0.95	15.68	Cum
Srinidhi Layout Opp, 5th A Cross		1	6.50	1.20	1.20	1.20	0.95	0.95	0.95	7.41	" "
Srinidhi Layout Opp, Cross Road		1	7.50	1.50	1.50	1.50	0.95	0.95	0.95	10.69	" "
Drain Desilting											
Kenchanahalli 3rd Main N/s											
0.00	30.00	1	30.00	0.45	0.45	0.45	0.30	0.30	0.30	4.05	Cum
30.00	60.00	1	30.00	0.45	0.45	0.45	0.30	0.30	0.30	4.05	" "
60.00	90.00	1	30.00	0.45	0.45	0.45	0.30	0.30	0.30	4.05	" "
90.00	120.00	1	30.00	0.45	0.45	0.45	0.30	0.35	0.33	4.39	" "
120.00	150.00	1	30.00	0.45	0.45	0.45	0.35	0.35	0.35	4.73	" "
150.00	180.00	1	30.00	0.45	0.45	0.45	0.35	0.35	0.35	4.73	" "
180.00	182.90	1	2.90	0.45	0.45	0.45	0.35	0.35	0.35	0.46	" "
0.00	30.00	1	30.00	0.60	0.60	0.60	0.35	0.35	0.35	6.30	" "
30.00	32.00	1	2.00	0.60	0.60	0.60	0.35	0.40	0.38	0.45	" "
Kenchanahalli 3rd Main S/s											
0.00	30.00	1	30.00	0.90	0.90	0.90	0.45	0.45	0.45	12.15	Cum
30.00	42.30	1	12.30	0.90	0.90	0.90	0.45	0.45	0.45	4.98	" "
Kenchanahalli 1st Cross W/s											
0.00	30.00	1	30.00	0.60	0.60	0.60	0.35	0.35	0.35	6.30	Cum
30.00	60.00	1	30.00	0.60	0.60	0.60	0.35	0.35	0.35	6.30	" "
60.00	90.00	1	30.00	0.60	0.60	0.60	0.35	0.35	0.35	6.30	" "
90.00	114.80	1	24.80	0.60	0.60	0.60	0.35	0.35	0.35	5.21	" "
Kenchanahalli 1st Cross E/s											
0.00	30.00	1	30.00	0.60	0.60	0.60	0.35	0.35	0.35	6.30	Cum
30.00	34.20	1	4.20	0.60	0.60	0.60	0.35	0.35	0.35	0.88	" "
0.00	30.00	1	30.00	0.60	0.60	0.60	0.35	0.35	0.35	6.30	" "
30.00	60.00	1	30.00	0.60	0.60	0.60	0.35	0.35	0.35	6.30	" "
60.00	74.60	1	14.60	0.60	0.60	0.60	0.35	0.35	0.35	3.07	" "
Cross Road E/s											
0.00	30.00	1	30.00	0.45	0.45	0.45	0.30	0.40	0.35	4.73	Cum
30.00	60.00	1	30.00	0.45	0.45	0.45	0.40	0.40	0.40	5.40	" "
60.00	84.00	1	24.00	0.45	0.45	0.45	0.40	0.45	0.43	4.59	" "
Cross Road Ws											
0.00	30.00	1	30.00	0.45	0.45	0.45	0.30	0.30	0.30	4.05	Cum
30.00	60.00	1	30.00	0.45	0.45	0.45	0.30	0.35	0.33	4.39	" "
60.00	84.00	1	24.00	0.45	0.45	0.45	0.35	0.35	0.35	3.78	" "
Railway Paralell road											
0.00	30.00	1	30.00	0.45	0.45	0.45	0.20	0.25	0.23	3.04	Cum
30.00	60.00	1	30.00	0.45	0.45	0.45	0.25	0.30	0.28	3.71	" "
60.00	90.00	1	30.00	0.45	0.45	0.45	0.30	0.30	0.30	4.05	" "
90.00	114.00	1	24.00	0.45	0.45	0.45	0.30	0.30	0.30	3.24	" "
Harohalli Cross 1											
0.00	24.60	1	24.60	0.45	0.45	0.45	0.45	0.45	0.45	4.98	Cum
Harohalli L Shape											
0.00	24.50	1	24.50	0.45	0.45	0.45	0.45	0.45	0.45	4.96	Cum
Harohalli Dead/End											

Asst. Executive Engineer
Yelahanka Sub Division
BBMP
Yelahanka, Bangalore

	Chainage		NO	L	B1	B2	Avg B	D1	D2	Avg D	QTY	UNIT
	Land Mark			(m)	(m)	(m)	(m)	(m)	(m)	(m)		
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.30	0.30	0.30	4.05	Cum
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.30	0.30	0.30	4.05	"
	60.00	69.30	1	9.30	0.45	0.45	0.45	0.30	0.30	0.30	1.26	"
	0.00	30.00	1	30.00	0.60	0.60	0.60	0.30	0.30	0.30	5.40	"
	Harohalli Cross 2 N/s											
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.25	0.25	0.25	3.38	Cum
	30.00	60.20	1	30.20	0.45	0.45	0.45	0.25	0.45	0.35	4.76	"
	Harohalli Cross 2 S/s											
	0.00	21.00	1	21.00	0.45	0.45	0.45	0.45	0.45	0.45	4.25	Cum
	Nagenahalli Cross Road N/s											
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.45	0.45	0.45	6.08	Cum
	30.00	42.60	1	12.60	0.45	0.45	0.45	0.45	0.45	0.45	2.55	"
	Nagenahalli Cross Road S/s											
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.45	0.45	0.45	6.08	Cum
	30.00	42.00	1	12.00	0.45	0.45	0.45	0.45	0.45	0.45	2.43	"
										Net Qty to be Paid	1584.59	Cum

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP / B.B.M.P)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No.	3	Measurement Sheet

Item Name: KSRB 4-1.3 ; Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.3)

Premeasurement recorded on:

Chainage / Land Mark		NO	L (m)	Avg B (m)	D (m)	QTY	UNIT
For RCC Drain							
Kenchanahalli Railway Paralell Road Gully							
0.00	22.00	1	22.00	0.90	0.15	2.97	Cum
10th main rd(W0087) from 5th to 4th cross rd E/S							
0.00	28.50	1	28.50	1.10	0.15	4.70	Cum
1st main rd(W0043) 8th cross rd to 10th cross rd E/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	"
60.00	90.00	1	30.00	1.10	0.15	4.95	"
90.00	120.00	1	30.00	1.10	0.15	4.95	"
120.00	141.50	1	21.50	1.10	0.15	3.55	"
Chowdeshwari Temple Near Masjid							
0.00	20.00	1	20.00	1.10	0.15	3.30	Cum
Cross rd(W0193)E/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	"
60.00	90.00	1	30.00	1.10	0.15	4.95	"
90.00	120.00	1	30.00	1.10	0.15	4.95	"
120.00	126.00	1	6.00	1.10	0.15	0.99	"
Cross rd(W0193)W/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	"
60.00	90.00	1	30.00	1.10	0.15	4.95	"
90.00	120.00	1	30.00	1.10	0.15	4.95	"
120.00	125.50	1	5.50	1.10	0.15	0.91	"
Cross rd(W0138)N/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	"
60.00	90.00	1	30.00	1.10	0.15	4.95	"
90.00	115.00	1	25.00	1.10	0.15	4.13	"
Cross rd(W0138)S/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	"
60.00	90.00	1	30.00	1.10	0.15	4.95	"
90.00	99.00	1	9.00	1.10	0.15	1.49	"
Harohalli cross rd N/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	"
60.00	88.60	1	28.60	1.10	0.15	4.72	"
Harohalli cross rd S/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	"
60.00	82.20	1	22.20	1.10	0.15	3.66	"
Kenchenahalli Cross rd 1 (W0257)E/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	"

Asst. Executive Engineer
Yelahanka Sub. Division

A.E.E

Chainage		NO	L	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)		
60.00	90.00	1	30.00	1.10	0.15	4.95	" "
90.00	120.00	1	30.00	1.10	0.15	4.95	" "
120.00	150.00	1	30.00	1.10	0.15	4.95	" "
150.00	175.15	1	25.15	1.10	0.15	4.15	" "
Kenchenahalli Cross rd 1 (W0257)W/S							
0.00	30.00	1	30.00	1.10	0.15	4.95	Cum
30.00	60.00	1	30.00	1.10	0.15	4.95	" "
60.00	90.00	1	30.00	1.10	0.15	4.95	" "
90.00	120.00	1	30.00	1.10	0.15	4.95	" "
120.00	150.00	1	30.00	1.10	0.15	4.95	" "
150.00	174.80	1	24.80	1.10	0.15	4.09	" "
For RCC Culverts							
Chowdeshwari Temple Near Masjid		1	11.00	1.50	0.15	2.48	" "
Srinidhi Layout Opp, 5th A Cross		1	6.50	1.20	0.15	1.17	" "
Srinidhi Layout Opp, Cross Road		1	7.50	1.50	0.15	1.69	" "
					Net Qty to be Paid	**202.38**	**Cum**

Ramesh
A.E.E

Civil Prime Consultants & Engineers

Contractor

7/05/2021

Assistant Engineer
Ward No.002
Chowdeshwari ward

Ramesh Jeeral

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No. 4

Item Name: Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200 Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271)

Premeasurement recorded on:

Chainage / Land Mark		NO	L (m)	Avg B (m)	D (m)	QTY	UNIT
For RCC Drain Raft							
Kenchanahalli Railway Paralell Road Gully							
0.00	22.00	1	22.00	0.75	0.125	2.06	Cum
10th main rd(W0087) from 5th to 4th cross rd E/S							
0.00	28.50	1	28.50	0.90	0.15	3.85	Cum
1st main rd(W0043) 8th cross rd to 10th cross rd E/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	"
60.00	90.00	1	30.00	0.90	0.15	4.05	"
90.00	120.00	1	30.00	0.90	0.15	4.05	"
120.00	141.50	1	21.50	0.90	0.15	2.90	"
Chowdeshwari Temple Near Masjid							
0.00	20.00	1	20.00	0.90	0.15	2.70	Cum
Cross rd(W0193)E/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	"
60.00	90.00	1	30.00	0.90	0.15	4.05	"
90.00	120.00	1	30.00	0.90	0.15	4.05	"
120.00	126.00	1	6.00	0.90	0.15	0.81	"
Cross rd(W0193)W/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	"
60.00	90.00	1	30.00	0.90	0.15	4.05	"
90.00	120.00	1	30.00	0.90	0.15	4.05	"
120.00	125.50	1	5.50	0.90	0.15	0.74	"
Cross rd(W0138)N/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	"
60.00	90.00	1	30.00	0.90	0.15	4.05	"
90.00	115.00	1	25.00	0.90	0.15	3.38	"
Cross rd(W0138)S/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	"

Recommended
A.E.E

Assistant Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage		NO	L	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)		
60.00	90.00	1	30.00	0.90	0.15	4.05	" "
90.00	99.00	1	9.00	0.90	0.15	1.22	" "
Harohalli cross rd N/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	" "
60.00	88.60	1	28.60	0.90	0.15	3.86	" "
Harohalli cross rd S/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	" "
60.00	82.20	1	22.20	0.90	0.15	3.00	" "
Kenchenahalli Cross rd 1 (W0257)E/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	" "
60.00	90.00	1	30.00	0.90	0.15	4.05	" "
90.00	120.00	1	30.00	0.90	0.15	4.05	" "
120.00	150.00	1	30.00	0.90	0.15	4.05	" "
150.00	175.15	1	25.15	0.90	0.15	3.40	" "
Kenchenahalli Cross rd 1 (W0257)W/S							
0.00	30.00	1	30.00	0.90	0.15	4.05	Cum
30.00	60.00	1	30.00	0.90	0.15	4.05	" "
60.00	90.00	1	30.00	0.90	0.15	4.05	" "
90.00	120.00	1	30.00	0.90	0.15	4.05	" "
120.00	150.00	1	30.00	0.90	0.15	4.05	" "
150.00	174.80	1	24.80	0.90	0.15	3.35	" "
For RCC Culverts Raft							
Chowdeshwari Temple Near Masjid		1	11.00	1.50	0.20	3.30	" "
Srinidhi Layout Opp. 5th A Cross		1	6.50	1.20	0.20	1.56	" "
Srinidhi Layout Opp. Cross Road		1	7.50	1.50	0.20	2.25	" "
For RCC Drain Wall							
Kenchanahalli Railway Paralell Road Gully							
0.00	22.00	2	22.00	0.15	0.45	2.97	" "
10th main rd(W0087) from 5th to 4th cross rd E/S							
0.00	28.50	2	28.50	0.15	0.60	5.13	Cum
1st main rd(W0043) 8th cross rd to 10th cross rd E/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	90.00	2	30.00	0.15	0.60	5.40	" "
90.00	120.00	2	30.00	0.15	0.60	5.40	" "
120.00	141.50	2	21.50	0.15	0.60	3.87	" "
Chowdeshwari Temple Near Masjid							
0.00	20.00	2	20.00	0.15	0.60	3.60	Cum
Cross rd(W0193)E/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	90.00	2	30.00	0.15	0.60	5.40	" "
90.00	120.00	2	30.00	0.15	0.60	5.40	" "
120.00	126.00	2	6.00	0.15	0.60	1.08	" "
Cross rd(W0193)W/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	90.00	2	30.00	0.15	0.60	5.40	" "
90.00	120.00	2	30.00	0.15	0.60	5.40	" "
120.00	125.50	2	5.50	0.15	0.60	0.99	" "
Cross rd(W0138)N/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	90.00	2	30.00	0.15	0.60	5.40	" "

Ramanjaiah A.E.E

CIVIL PRIME CONSULTANTS AND ENGINEERS

AE-02

Ramanjaiah
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage		NO	L	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)		
90.00	115.00	2	25.00	0.15	0.60	4.50	" "
Cross rd(W0138)S/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	90.00	2	30.00	0.15	0.60	5.40	" "
90.00	99.00	2	9.00	0.15	0.60	1.62	" "
Harohalli cross rd N/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	88.60	2	28.60	0.15	0.60	5.15	" "
Harohalli cross rd S/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	82.20	2	22.20	0.15	0.60	4.00	" "
Kenchenahalli Cross rd 1 (W0257)E/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	90.00	2	30.00	0.15	0.60	5.40	" "
90.00	120.00	2	30.00	0.15	0.60	5.40	" "
120.00	150.00	2	30.00	0.15	0.60	5.40	" "
150.00	175.15	2	25.15	0.15	0.60	4.53	" "
Kenchenahalli Cross rd 1 (W0257)W/S							
0.00	30.00	2	30.00	0.15	0.60	5.40	Cum
30.00	60.00	2	30.00	0.15	0.60	5.40	" "
60.00	90.00	2	30.00	0.15	0.60	5.40	" "
90.00	120.00	2	30.00	0.15	0.60	5.40	" "
120.00	150.00	2	30.00	0.15	0.60	5.40	" "
150.00	174.80	2	24.80	0.15	0.60	4.46	" "
For RCC Culverts Wall							
Chowdeshwari Temple Near Masjid		2	11.00	0.20	0.60	2.64	" "
Srinidhi Layout Opp, 5th A Cross		2	6.50	0.20	0.60	1.56	" "
Srinidhi Layout Opp, Cross Road		2	7.50	0.20	0.60	1.80	" "
					Net Qty to be Paid	**388.66**	**Cum**

A.E.E Received

CIVIL PRIME CONSULTANTS & ENGINEERS Bangalore

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yelahanka)
Yelahanka, Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
B.B.M.P

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

Item No:	5
Item Name	KSRB 4.9.2:Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3-do-TMT Bars Fe 500 (Page No.18 & Item No.4.46.2)

Measurement recorded on:

Description of Bars		No of bars	L / B / D (m)	Rmtr (m)	Constant Kg/Rmtr	QTY (Weight)
For RCC Drain						
Kenchanahalli Railway Paralell Road Gully						
Main bar 10mm dia 100mm c/c spacing						
0.00	22.00	1	220	1.70	374.00	0.888	332.11
Dist.bar 10mm dia 100mm c/c spacing						
0.00	22.00	1	10	22.00	220.00	0.619	136.18
10th main rd(W0087) from 5th to 4th cross rd E/S						
Main bar 10mm dia 100mm c/c spacing						
0.00	28.50	1	285	1.95	555.75	0.888	493.51
Dist.bar 10mm dia 200mm c/c spacing						
0.00	28.50	1	10	28.50	285.00	0.619	176.42
Chowdeshwari Temple Near Masjid						
Main bar 10mm dia 100mm c/c spacing						
0.00	20.00	1	200	1.95	390.00	0.888	346.32
Dist.bar 10mm dia 200mm c/c spacing						
0.00	20.00	1	10	20.00	200.00	0.619	123.80
1st main rd(W0043) 8th cross rd to 10th cross rd E/S						
Main bar 10mm dia 100mm c/c spacing						
0.00	30.00	1	300	1.95	585.00	0.888	519.48
30.00	60.00	1	300	1.95	585.00	0.888	519.48
60.00	90.00	1	300	1.95	585.00	0.888	519.48
90.00	120.00	1	300	1.95	585.00	0.888	519.48
120.00	141.50	1	215	1.95	419.25	0.888	372.29
Dist.bar 10mm dia 200mm c/c spacing						
0.00	30.00	1	10	30.00	300.00	0.619	185.70
30.00	60.00	1	10	30.00	300.00	0.619	185.70
60.00	90.00	1	10	30.00	300.00	0.619	185.70
90.00	120.00	1	10	30.00	300.00	0.619	185.70
120.00	141.50	1	10	21.50	215.00	0.619	133.09
Cross rd(W0193)E/S						
Main bar 10mm dia 100mm c/c spacing						
0.00	30.00	1	300	1.95	585.00	0.888	519.48
30.00	60.00	1	300	1.95	585.00	0.888	519.48
60.00	90.00	1	300	1.95	585.00	0.888	519.48
90.00	120.00	1	300	1.95	585.00	0.888	519.48
120.00	126.00	1	60	1.95	117.00	0.888	103.90
Dist.bar 10mm dia 200mm c/c spacing						

A.E.E Recommended

AE-02

Asst. Executive Engineer,
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Description of Bars		No of bars		L / B / D (m)	Rmtr (m)	Constant Kg/Rmtr	QTY (Weight)
0.00	30.00	1	10	30.00	300.00	0.619	185.70
30.00	60.00	1	10	30.00	300.00	0.619	185.70
60.00	90.00	1	10	30.00	300.00	0.619	185.70
90.00	120.00	1	10	30.00	300.00	0.619	185.70
120.00	126.00	1	10	6.00	60.00	0.619	37.14
Cross rd(W0193)W/S							
Main bar 10mm dia 100mm c/c spacing							
0.00	30.00	1	300	1.95	585.00	0.888	519.48
30.00	60.00	1	300	1.95	585.00	0.888	519.48
60.00	90.00	1	300	1.95	585.00	0.888	519.48
90.00	120.00	1	300	1.95	585.00	0.888	519.48
120.00	125.50	1	55	1.95	107.25	0.888	95.24
Dist.bar 10mm dia 200mm c/c spacing							
0.00	30.00	1	10	30.00	300.00	0.619	185.70
30.00	60.00	1	10	30.00	300.00	0.619	185.70
60.00	90.00	1	10	30.00	300.00	0.619	185.70
90.00	120.00	1	10	30.00	300.00	0.619	185.70
120.00	125.50	1	10	5.50	55.00	0.619	34.05
Cross rd(W0138)N/S							
Main bar 10mm dia 100mm c/c spacing							
0.00	30.00	1	300	1.95	585.00	0.888	519.48
30.00	60.00	1	300	1.95	585.00	0.888	519.48
60.00	90.00	1	300	1.95	585.00	0.888	519.48
90.00	110.00	1	200	1.95	390.00	0.888	346.32
Dist.bar 10mm dia 200mm c/c spacing							
0.00	30.00	1	10	30.00	300.00	0.619	185.70
30.00	60.00	1	10	30.00	300.00	0.619	185.70
60.00	90.00	1	10	30.00	300.00	0.619	185.70
90.00	110.00	1	10	20.00	200.00	0.619	123.80
Cross rd(W0138)S/S							
Main bar 10mm dia 100mm c/c spacing							
0.00	30.00	1	300	1.95	585.00	0.888	519.48
30.00	60.00	1	300	1.95	585.00	0.888	519.48
60.00	90.00	1	300	1.95	585.00	0.888	519.48
90.00	99.00	1	90	1.95	175.50	0.888	155.84
Dist.bar 10mm dia 200mm c/c spacing							
0.00	30.00	1	10	30.00	300.00	0.619	185.70
30.00	60.00	1	10	30.00	300.00	0.619	185.70
60.00	90.00	1	10	30.00	300.00	0.619	185.70
90.00	99.00	1	10	9.00	90.00	0.619	55.71
Harohalli cross rd N/S							
Main bar 10mm dia 100mm c/c spacing							
0.00	30.00	1	300	1.95	585.00	0.888	519.48
30.00	60.00	1	300	1.95	585.00	0.888	519.48
60.00	88.60	1	286	1.95	557.70	0.888	495.24
Dist.bar 10mm dia 200mm c/c spacing							
0.00	30.00	1	10	30.00	300.00	0.619	185.70
30.00	60.00	1	10	30.00	300.00	0.619	185.70
60.00	88.60	1	10	28.60	286.00	0.619	177.03
Harohalli cross rd S/S							
Main bar 10mm dia 100mm c/c spacing							
0.00	30.00	1	300	1.95	585.00	0.888	519.48
30.00	60.00	1	300	1.95	585.00	0.888	519.48
60.00	81.95	1	219	1.95	427.05	0.888	379.22
Dist.bar 10mm dia 200mm c/c spacing							
0.00	30.00	1	10	30.00	300.00	0.619	185.70
30.00	60.00	1	10	30.00	300.00	0.619	185.70
60.00	81.95	1	10	21.95	219.50	0.619	135.87

A.E.E Verified

A.E.E Received

Asst. Executive Engineer
Kengeri Sub Division
(BBMP Yeal. Zn)
Yelahanka, Bangalore

CONSULTANTS AND ENGINEERS

Description of Bars		No of bars	L / B / D (m)	Rmtr (m)	Constant Kg/Rmtr	QTY (Weight)
Kenchenahalli Cross rd 1 (W0257)E/S						
Main.bar 10mm dia 100mm c/c spacing						
0.00	30.00	1	300	1.95	585.00	0.888	519.48
30.00	60.00	1	300	1.95	585.00	0.888	519.48
60.00	90.00	1	300	1.95	585.00	0.888	519.48
90.00	120.00	1	300	1.95	585.00	0.888	519.48
120.00	90.00	1	300	1.95	585.00	0.888	519.48
90.00	175.10	1	19	1.95	37.05	0.888	32.90
Dist.bar 10mm dia 200mm c/c spacing						
0.00	30.00	1	8	30.00	585.00	0.619	519.48
30.00	60.00	1	8	30.00	240.00	0.619	148.56
60.00	90.00	1	8	30.00	240.00	0.619	148.56
90.00	120.00	1	8	30.00	240.00	0.619	148.56
120.00	150.00	1	8	30.00	240.00	0.619	148.56
150.00	175.10	1	8	30.00	585.00	0.619	519.48
Kenchenahalli Cross rd 1 (W0257)W/S						
Main.bar 10mm dia 100mm c/c spacing						
0.00	30.00	1	300	1.95	300.00	0.888	185.74
30.00	60.00	1	300	1.95	300.00	0.888	185.74
60.00	90.00	1	300	1.95	219.50	0.888	135.87
90.00	120.00	1	300	1.95	0.00	0.888	0.00
120.00	150.00	1	300	1.95	0.00	0.888	0.00
150.00	174.80	1	248	1.95	585.00	0.888	519.48
Dist.bar 10mm dia 200mm c/c spacing						
0.00	30.00	1	8	30.00	240.00	0.619	148.56
30.00	60.00	1	8	30.00	240.00	0.619	148.56
60.00	90.00	1	8	30.00	240.00	0.619	148.56
90.00	120.00	1	8	30.00	240.00	0.619	148.56
120.00	150.00	1	8	30.00	240.00	0.619	148.56
150.00	174.80	1	8	24.80	198.40	0.619	122.81
For RCC Culverts						
Main.bar 16mm dia 250mm c/c spacing						
Chowdeshwari Temple Near Masjid		2	110	2.10	462.00	1.580	729.96
Srinidhi Layout Opp, 5th A Cross		2	65	2.10	273.00	1.580	431.34
Srinidhi Layout Opp, Cross Road		2	75	2.10	315.00	1.580	497.70
Dist.bar 10mm dia 100mm c/c spacing						
Chowdeshwari Temple Near Masjid		2	12	11.00	264.00	0.619	163.42
Srinidhi Layout Opp, 5th A Cross		2	12	6.50	156.00	0.619	96.56
Srinidhi Layout Opp, Cross Road		2	12	7.50	180.00	0.619	111.42
						Total Qty Work Done in Kg	27953.29
						Qty to be Paid in tonne	27.95

Recommended
A.E.E

CIVIL PRIME CONSULTANTS & ENGINEERS

Civil Prime Consultants & Engineers

Assistant Engineer
Ward No.002
Chowdeshwari ward

Contractor

Asst. Executive Engineer
Yelahanka Sub Division
Yelahanka, B.B.M.P.

Assistant Executive Engineer
(Yelahanka Sub Division)

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No.	6	
Item Name	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	

Bill measurement recorded on:

Chainage / Land Mark		NO	L (m)	Avg B (m)	D (m)	QTY	UNIT
For RCC Drain							
Kenchanahalli Railway Paralell Road Gully							
0.00	22.00	1	22.00	0.75	-	16.50	Sqm
10th main rd(W0087) from 5th to 4th cross rd E/S							
0.00	28.50	1	28.50	0.90	-	25.65	Sqm
1st main rd(W0043) 8th cross rd to 10th cross rd E/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm
30.00	60.00	1	30.00	0.90	-	27.00	"
60.00	90.00	1	30.00	0.90	-	27.00	"
90.00	120.00	1	30.00	0.90	-	27.00	"
120.00	141.50	1	21.50	0.90	-	19.35	"
Chowdeshwari Temple Near Masjid							
0.00	20.00	1	20.00	0.90	-	18.00	Sqm
Cross rd(W0193)E/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm
30.00	60.00	1	30.00	0.90	-	27.00	"
60.00	90.00	1	30.00	0.90	-	27.00	"
90.00	120.00	1	30.00	0.90	-	27.00	"
120.00	126.00	1	6.00	0.90	-	5.40	"
Cross rd(W0193)W/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm
30.00	60.00	1	30.00	0.90	-	27.00	"
60.00	90.00	1	30.00	0.90	-	27.00	"
90.00	120.00	1	30.00	0.90	-	27.00	"
120.00	125.50	1	5.50	0.90	-	4.95	"
Cross rd(W0138)N/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm
30.00	60.00	1	30.00	0.90	-	27.00	"
60.00	90.00	1	30.00	0.90	-	27.00	"
90.00	115.00	1	25.00	0.90	-	22.50	"
Cross rd(W0138)S/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm
30.00	60.00	1	30.00	0.90	-	27.00	"
60.00	90.00	1	30.00	0.90	-	27.00	"
90.00	99.00	1	9.00	0.90	-	8.10	"
Harohalli cross rd N/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm

CONSULTANTS AND ENGINEERS

11/15/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

A.E.E

Chainage		NO	L	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)		
30.00	60.00	1	30.00	0.90	-	27.00	" "
60.00	88.60	1	28.60	0.90	-	25.74	" "
Harohalli cross rd S/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm
30.00	60.00	1	30.00	0.90	-	27.00	" "
60.00	82.20	1	22.20	0.90	-	19.98	" "
Kenchenahalli Cross rd 1 (W0257)E/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm
30.00	60.00	1	30.00	0.90	-	27.00	" "
60.00	90.00	1	30.00	0.90	-	27.00	" "
90.00	120.00	1	30.00	0.90	-	27.00	" "
120.00	150.00	1	30.00	0.90	-	27.00	" "
150.00	175.15	1	25.15	0.90	-	22.64	" "
Kenchenahalli Cross rd 1 (W0257)W/S							
0.00	30.00	1	30.00	0.90	-	27.00	Sqm
30.00	60.00	1	30.00	0.90	-	27.00	" "
60.00	90.00	1	30.00	0.90	-	27.00	" "
90.00	120.00	1	30.00	0.90	-	27.00	" "
120.00	150.00	1	30.00	0.90	-	27.00	" "
150.00	174.80	1	24.80	0.90	-	22.32	" "
Missing/Damaged portion							
Kenchanahalli							
Kenchanahalli 3rd Main N/s		15	0.75	0.60	-	6.75	Sqm
Kenchanahalli 3rd Main S/s		11	1.20	0.60	-	7.92	"
Kenchanahalli 1st Cross W/s		6	0.90	0.60	-	3.24	"
Kenchanahalli 1st Cross E/s		7	0.90	0.60	-	3.78	"
Cross Road E/s		16	0.75	0.60	-	7.20	"
Cross Road W/s		9	0.75	0.60	-	4.05	"
Railway Paralell road		7	0.75	0.60	-	3.15	"
Harohalli							
Cross1		16	0.75	0.60	-	7.20	Sqm
L Shape		6	0.75	0.60	-	2.70	"
Dead End		10	0.75	0.60	-	4.50	"
Cross2 N/s		18	0.75	0.60	-	8.10	"
S/s		8	0.75	0.60	-	3.60	"
Nagenahalli							
Cross Road N/s		21	0.75	0.60	-	9.45	Sqm
S/s		20	0.75	0.60	-	9.00	"
					Net Qty to be Paid	**1155.77**	**Sqm**

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P.
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No.	7	
Item Name	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	

Bill measurement recorded on

	Chainage / Land Mark	NO	L (m)	Avg B (m)	D (m)	QTY	UNIT
	For RCC Culverts						
	C40 Chowdeshwari Temple Near Masjid	13	1.50	0.60	-	11.70	Sqm
	C41 Srinidhi Layout Opp, 5th A Cross	15	1.20	0.60	-	10.80	"
	C42 Srinidhi Layout Opp, Cross Road	9	1.50	0.60	-	8.10	"
	6th cross rd	16	1.20	0.60	-	11.52	"
	9 Cross rd	16	1.20	0.60	-	11.52	"
	Cross rd (W0213)	19	1.20	0.60	-	13.68	"
	Cross rd (W0048)	18	1.20	0.60	-	12.96	"
	Cross rd (W0166)	28	1.20	0.60	-	20.16	"
	8th Cross rd	16	1.20	0.60	-	11.52	"
	1st 'A' main rd	17	1.20	0.60	-	12.24	"
	Cross rd (W0093)	19	1.20	0.60	-	13.68	"
	5th cross rd	11	1.20	0.60	-	7.92	"
					Net Qty to be Paid	**145.80**	**Sqm**

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Assistant Executive Engineer
Yelahanka Sub Division
(BBMP, Yelahanka Zone)
B.B.M.P.
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No.	8	
Item Name	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1.2.4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No KBS 4.1, 4.2. (P No-13,I No-4.6)	

Bill measurement recorded on:

Chainage / Land Mark		NO	L (m)	Avg B (m)	D (m)	QTY	UNIT
1st 'A' main rd (W0041) from 9th cross to Dead end rd E/S							
0.00	9.00	1	9.00	0.20	0.10	0.18	Cum
17.40	47.40	1	30.00	0.20	0.10	0.60	"
47.40	77.40	1	30.00	0.20	0.10	0.60	"
77.40	96.00	1	18.60	0.20	0.10	0.37	"
1st 'A' main rd (W0041) from 9th cross rd to 10th cross rd E/S							
0.00	8.90	1	8.90	0.20	0.10	0.18	Cum
17.80	47.80	1	30.00	0.20	0.10	0.60	"
47.80	77.80	1	30.00	0.20	0.10	0.60	"
77.80	90.10	1	12.30	0.20	0.10	0.25	"
99.10	129.10	1	30.00	0.20	0.10	0.60	"
129.10	136.00	1	6.90	0.20	0.10	0.14	"
1st 'A' main rd (W0041) from 9th cross rd to 10th cross rd W/S							
0.00	30.00	1	30.00	0.20	0.10	0.60	Cum
30.00	60.00	1	30.00	0.20	0.10	0.60	"
60.00	90.00	1	30.00	0.20	0.10	0.60	"
90.00	120.00	1	30.00	0.20	0.10	0.60	"
120.00	150.00	1	30.00	0.20	0.10	0.60	"
150.00	173.50	1	23.50	0.20	0.10	0.47	"
10th cross rd(W0041) 1st 'A' main rd to 1st main rd S/S							
0.00	25.10	1	25.10	0.20	0.10	0.50	Cum
10th cross rd(W0041) 1st 'A' main rd to 1st main rd N/S							
0.00	28.40	1	28.40	0.20	0.10	0.57	Cum
10th cross rd(W0049) 1st 'A' main rd to Dead end N/S							
0.00	30.00	1	30.00	0.20	0.10	0.60	Cum
30.00	47.20	1	17.20	0.20	0.10	0.34	"
10th cross rd(W0049) 1st 'A' main rd to Dead end S/S							
0.00	30.00	1	30.00	0.20	0.10	0.60	Cum
30.00	36.40	1	6.40	0.20	0.10	0.13	"
9th cross rd(W0030) main rd to 1st main rd S/S							
0.00	30.00	1	30.00	0.20	0.10	0.60	Cum
30.00	60.00	1	30.00	0.20	0.10	0.60	"
60.00	67.50	1	7.50	0.20	0.10	0.15	"
74.40	101.70	1	27.30	0.20	0.10	0.55	"
9th cross rd(W0030) main rd to 1st main rd N/S							
0.00	30.00	1	30.00	0.20	0.10	0.60	Cum
30.00	34.00	1	4.00	0.20	0.10	0.08	"
72.80	98.50	1	25.70	0.20	0.10	0.51	"
8th main rd(W0085) from 8th cross rd to dead end W/S							

Ravi Patil A.E.E

CIVIL PRO... CONSULTANTS AND ENGINEERS Bangalore

AE-01

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yak. Zn)
Yelahanka, Bangalore

	Chainage / Land Mark		NO	L (m)	Avg B (m)	D (m)	QTY	UNIT
	3rd cross rd from 11th main rd to 8th main rd N/S							
	0.00	29.95	1	29.95	0.20	0.10	0.60	Cum
	3rd cross rd from 8th main rd Dead end S/S							
	0.00	30.00	1	30.00	0.20	0.10	0.60	Cum
	30.00	32.00	1	2.00	0.20	0.10	0.04	"
	43.70	72.50	1	28.80	0.20	0.10	0.58	"
	Cross rd (W0217) from cross rd (W0168) to 11th main rd NE/S							
	0.00	30.00	1	30.00	0.20	0.10	0.60	Cum
	30.00	60.00	1	30.00	0.20	0.10	0.60	"
	60.00	90.00	1	30.00	0.20	0.10	0.60	"
	90.00	106.70	1	16.70	0.20	0.10	0.33	"
	122.20	152.20	1	30.00	0.20	0.10	0.60	"
	152.20	182.20	1	30.00	0.20	0.10	0.60	"
	182.20	183.20	1	1.00	0.20	0.10	0.02	"
	Cross rd (W0217) from cross rd (W0168) to 11th main rd SW/S							
	0.00	30.00	1	30.00	0.20	0.10	0.60	Cum
	30.00	60.00	1	30.00	0.20	0.10	0.60	"
	60.00	90.00	1	30.00	0.20	0.10	0.60	"
	90.00	120.00	1	30.00	0.20	0.10	0.60	"
	120.00	150.00	1	30.00	0.20	0.10	0.60	"
	150.00	180.00	1	30.00	0.20	0.10	0.60	"
	180.00	183.20	1	3.20	0.20	0.10	0.06	"
						Net Qty to be Paid	87.35	Cum

Civil Prime Consultants & Engineers

Assistant Engineer
Ward No.002
Chowdeshwari ward

26/5/2022

Contractor

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

A.E.E

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No. 11

Item Name: KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 8km lead= (I No-19.14,P No-143)

Premeasurement recorded on:

Chainage		Land Mark	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
		For CC road								
		Kenchenahalli Main Road								
0.00	30.00		1	30.00	5.90	3.80	4.85	0.20	29.10	Cum
30.00	60.00		1	30.00	3.80	3.70	3.75	0.20	22.50	"
60.00	90.00		1	30.00	3.70	3.70	3.70	0.20	22.20	"
90.00	112.00		1	22.00	3.70	5.10	4.40	0.20	19.36	"
		Gully 1	1	5.50	1.70	1.75	1.73	0.20	1.90	"
			1	2.40	1.25	1.15	1.20	0.20	0.58	"
		Gully 2	1	4.30	1.80	1.80	1.80	0.20	1.55	"
			1	10.00	1.00	1.00	1.00	0.20	2.00	"
		Deduction Steps(-)	-1	0.90	0.90	0.90	0.90	0.20	-0.16	"
		Gully 3	1	11.00	1.30	1.40	1.35	0.20	2.97	"
		Gully 4	1	7.20	1.00	1.40	1.20	0.20	1.73	"
			1	3.05	2.30	2.30	2.30	0.20	1.40	"
			1	4.90	2.10	2.10	2.10	0.20	2.06	"
			1	6.60	3.00	3.00	3.00	0.20	3.96	"
		Gully 5	1	4.00	2.20	2.20	2.20	0.20	1.76	"
		Gully 6	1	2.20	1.20	1.20	1.20	0.20	0.53	"
			1	13.60	1.20	1.20	1.20	0.20	3.26	"
		Gully 7	1	8.00	1.20	1.15	1.18	0.20	1.88	"
		Gully 8	1	7.40	1.80	1.90	1.85	0.20	2.74	"
		Gully 9	1	13.30	1.20	1.10	1.15	0.20	3.06	"
			1	2.70	1.45	1.45	1.45	0.20	0.78	"
			1	1.25	0.65	0.70	0.68	0.20	0.17	"
		Gully 10	1	7.50	2.20	1.50	1.85	0.20	2.78	"
			1	5.00	1.50	1.40	1.45	0.20	1.45	"
			1	7.10	3.30	3.40	3.35	0.20	4.76	"
		Gully 11	1	9.50	3.60	2.35	2.98	0.20	5.65	"
			1	2.40	0.70	0.70	0.70	0.20	0.34	"
			1	4.60	1.60	1.60	1.60	0.20	1.47	"
		Gully 12	1	9.50	3.60	2.35	2.98	0.20	5.65	"
			1	10.00	3.60	2.25	2.93	0.20	5.86	"
		Gully 13	1	20.80	1.00	1.00	1.00	0.20	4.16	"
			1	5.00	0.60	0.60	0.60	0.20	0.60	"
		Gully 14	1	8.00	1.00	1.00	1.00	0.20	1.60	"
		Gully 15	1	9.00	0.70	0.70	0.70	0.20	1.26	"
		Gully 16	1	8.60	3.10	2.10	2.60	0.20	4.47	"
			1	4.30	3.10	2.90	3.00	0.20	2.58	"
		Gully 17	1	8.70	3.00	3.00	3.00	0.20	5.22	"
		Gully 18	1	16.60	2.00	1.80	1.90	0.20	6.31	"
			1	1.60	1.00	1.00	1.00	0.20	0.32	"
		Gully 19	1	14.40	4.60	3.70	4.15	0.20	11.95	"
			1	10.60	1.90	1.25	1.58	0.20	3.34	"
			1	1.70	0.65	0.65	0.65	0.20	0.22	"
			1	9.30	1.30	1.30	1.30	0.20	2.42	"
			1	2.60	0.75	0.75	0.75	0.20	0.39	"
		1st Cross Kenchanahalli Temple I/s	1	4.30	2.50	2.50	2.50	0.20	2.15	Cum
			1	5.30	6.50	6.30	6.40	0.20	6.78	"

Ramesh A.E.E

Nouveau Bangalore CONSULTANTS AND ENGINEERS

AE-02

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zo)

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
30.00	60.00	1	30.00	8.60	6.75	7.68	0.20	46.05	"
60.00	90.00	1	30.00	6.75	5.70	6.23	0.20	37.38	"
90.00	119.00	1	29.00	5.70	5.60	5.65	0.20	32.77	"
Nagenahalli Cross rd 2									
0.00	7.00	1	7.00	4.50	2.30	3.40	0.20	4.76	Cum
6th main rd(W0071) from 7th cross to 5th cross									
0.00	8.50	1	8.50	6.40	6.40	6.40	0.25	13.60	Cum
8.50	9.50	1	1.00	5.60	5.60	5.60	0.25	1.40	"
9.50	18.70	1	9.20	4.40	3.50	3.95	0.25	9.09	"
18.70	22.10	1	3.40	5.00	5.00	5.00	0.25	4.25	"
22.10	46.80	1	24.70	6.40	6.50	6.45	0.25	39.83	"
46.80	56.30	1	9.50	5.50	5.40	5.45	0.25	12.94	"
56.30	86.30	1	30.00	6.50	6.40	6.45	0.25	48.38	"
86.30	109.80	1	23.50	6.40	6.50	6.45	0.25	37.89	"
109.80	119.10	1	9.30	5.10	5.10	5.10	0.25	11.86	"
119.10	128.30	1	9.20	6.40	6.50	6.45	0.25	14.84	"
1st main rd(W0043) from 5th cross to 7th cross									
0.00	30.00	1	30.00	9.30	8.20	8.75	0.20	52.50	Cum
30.00	60.00	1	30.00	8.20	8.90	8.55	0.20	51.30	"
60.00	81.00	1	21.00	8.90	9.10	9.00	0.20	37.80	"
							Net Qty to be Paid	3319.73	Cum

A.E.E

CIVIL PRIME CONSULTANTS AND ENGINEERS
Civil Prime Consultants & Engineers

Contractor

12/5/2022
Assistant Engineer
Ward No.002
Chowdeshwari ward

Assistant Executive Engineer
Yelahanka Sub-Division
(BBMP)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02, of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No.	12
Item Name	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3(P.No 146, I No.19.56)

Premeasurement recorded on:

	Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
	For Asphalt road									
	2nd Cross (W0120) from 8th main road to 4th cross rd									
	0.00	30.00	1	30.00	6.00	6.00	6.00	-	180.00	Sqm
	30.00	60.00	1	30.00	6.00	6.00	6.00	-	180.00	"
	60.00	90.00	1	30.00	6.00	6.00	6.00	-	180.00	"
	90.00	96.00	1	6.00	6.00	6.00	6.00	-	36.00	"
	96.00	126.00	1	30.00	6.50	6.50	6.50	-	195.00	"
	126.00	156.00	1	30.00	6.50	6.50	6.50	-	195.00	"
	156.00	186.00	1	30.00	6.50	6.50	6.50	-	195.00	"
	186.00	216.00	1	30.00	6.50	6.50	6.50	-	195.00	"
	216.00	230.80	1	14.80	6.50	6.50	6.50	-	96.20	"
	Cross 2 from 11th 'A' main rd									
	0.00	21.20	1	21.20	8.00	5.50	6.75	-	143.10	Sqm
								Net Qty to be Paid	1595.30	Sqm

A.E. Rec'd

CIVIL PRIME CONSULTANTS & ENGINEERS Bangalore

Civil Prime Consultants & Engineers

Contractor

12/5/2022

Assistant Engineer
Ward No.002
Chowdeshwari ward

Asst. Executive Engineer
Yelahanka Sub Division
(Bommanahalli Zone)
Yelahanka, Bangalore

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P.

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No. 13

Item Name: KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications (I No-19.64,P No-147)

Premeasurement recorded on:

Chainage	Land Mark	NO	L (m)	BI (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
			For CC road						
Kenchenahalli Main Road									
0.00	30.00	1	30.00	5.90	3.80	4.85	-	145.50	Sqm
30.00	60.00	1	30.00	3.80	3.70	3.75	-	112.50	"
60.00	90.00	1	30.00	3.70	3.70	3.70	-	111.00	"
90.00	112.00	1	22.00	3.70	5.10	4.40	-	96.80	"
Gully 1		1	5.50	1.70	1.75	1.73	-	9.49	"
		1	2.40	1.25	1.15	1.20	-	2.88	"
Gully 2		1	4.30	1.80	1.80	1.80	-	7.74	"
		1	10.00	1.00	1.00	1.00	-	10.00	"
Deduction Steps(-)		-1	0.90	0.90	0.90	0.90	-	-0.81	"
Gully 3		1	11.00	1.30	1.40	1.35	-	14.85	"
Gully 4		1	7.20	1.00	1.40	1.20	-	8.64	"
		1	3.05	2.30	2.30	2.30	-	7.02	"
		1	4.90	2.10	2.10	2.10	-	10.29	"
		1	6.60	3.00	3.00	3.00	-	19.80	"
Gully 5		1	4.00	2.20	2.20	2.20	-	8.80	"
Gully 6		1	2.20	1.20	1.20	1.20	-	2.64	"
		1	13.60	1.20	1.20	1.20	-	16.32	"
Gully 7		1	8.00	1.20	1.15	1.18	-	9.40	"
Gully 8		1	7.40	1.80	1.90	1.85	-	13.69	"
Gully 9		1	13.30	1.20	1.10	1.15	-	15.30	"
		1	2.70	1.45	1.45	1.45	-	3.92	"
		1	1.25	0.65	0.70	0.68	-	0.84	"
Gully 10		1	7.50	2.20	1.50	1.85	-	13.88	"
		1	5.00	1.50	1.40	1.45	-	7.25	"
		1	7.10	3.30	3.40	3.35	-	23.79	"
Gully 11		1	9.50	3.60	2.35	2.98	-	28.26	"
		1	2.40	0.70	0.70	0.70	-	1.68	"
		1	4.60	1.60	1.60	1.60	-	7.36	"
Gully 12		1	9.50	3.60	2.35	2.98	-	28.26	"
		1	10.00	3.60	2.25	2.93	-	29.25	"
Gully 13		1	20.80	1.00	1.00	1.00	-	20.80	"
		1	5.00	0.60	0.60	0.60	-	3.00	"
Gully 14		1	8.00	1.00	1.00	1.00	-	8.00	"
Gully 15		1	9.00	0.70	0.70	0.70	-	6.30	"
Gully 16		1	8.60	3.10	2.10	2.60	-	22.36	"
		1	4.30	3.10	2.90	3.00	-	12.90	"
Gully 17		1	8.70	3.00	3.00	3.00	-	26.10	"
Gully 18		1	16.60	2.00	1.80	1.90	-	31.54	"
		1	1.60	1.00	1.00	1.00	-	1.60	"
Gully 19		1	14.40	4.60	3.70	4.15	-	59.76	"
		1	10.60	1.90	1.25	1.58	-	16.70	"

CIVIL PRIME CONSULTANTS AND ENGINEERS Bangalore

17/5/2022

AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
0.00	30.00	1	30.00	8.00	5.50	6.75	-	202.50	Sqm
30.00	60.00	1	30.00	5.50	5.50	5.50	-	165.00	"
60.00	72.00	1	12.00	5.50	5.50	5.50	-	66.00	"
Railway Paralell Road									
		1	12.50	8.00	6.30	7.15	-	89.38	Sqm
		1	12.25	8.00	5.90	6.95	-	85.14	"
0.00	16.00	1	16.00	9.30	5.50	7.40	-	118.40	"
16.00	31.00	1	15.00	8.20	5.00	6.60	-	99.00	"
31.00	46.00	1	15.00	5.00	5.60	5.30	-	79.50	"
46.00	61.00	1	15.00	5.60	4.50	5.05	-	75.75	"
61.00	76.00	1	15.00	4.50	5.60	5.05	-	75.75	"
76.00	87.00	1	11.00	5.60	3.80	4.70	-	51.70	"
87.00	91.00	1	4.00	5.80	5.60	5.70	-	22.80	"
91.00	106.00	1	15.00	5.60	4.50	5.05	-	75.75	"
106.00	121.00	1	15.00	4.50	4.10	4.30	-	64.50	"
121.00	136.00	1	15.00	4.10	4.50	4.30	-	64.50	"
136.00	151.00	1	15.00	4.50	4.70	4.60	-	69.00	"
151.00	166.00	1	15.00	4.70	4.70	4.70	-	70.50	"
166.00	181.00	1	15.00	4.70	6.70	5.70	-	85.50	"
181.00	196.00	1	15.00	6.70	9.00	7.85	-	117.75	"
Nagenahalli Cross rd 1									
0.00	12.00	1	12.00	7.00	9.90	8.45	-	101.40	Sqm
12.00	30.00	1	18.00	9.90	8.60	9.25	-	166.50	"
30.00	60.00	1	30.00	8.60	6.75	7.68	-	230.25	"
60.00	90.00	1	30.00	6.75	5.70	6.23	-	186.75	"
90.00	119.00	1	29.00	5.70	5.60	5.65	-	163.85	"
Nagenahalli Cross rd 2									
0.00	7.00	1	7.00	4.50	2.30	3.40	-	23.80	Sqm
6th main rd(W0071) from 7th cross to 5th cross									
0.00	8.50	1	8.50	6.40	6.40	6.40	-	54.40	Sqm
8.50	9.50	1	1.00	5.60	5.60	5.60	-	5.60	"
9.50	18.70	1	9.20	4.40	3.50	3.95	-	36.34	"
18.70	22.10	1	3.40	5.00	5.00	5.00	-	17.00	"
22.10	46.80	1	24.70	6.40	6.50	6.45	-	159.32	"
46.80	56.30	1	9.50	5.50	5.40	5.45	-	51.78	"
56.30	86.30	1	30.00	6.50	6.40	6.45	-	193.50	"
86.30	109.80	1	23.50	6.40	6.50	6.45	-	151.58	"
109.80	119.10	1	9.30	5.10	5.10	5.10	-	47.43	"
119.10	128.30	1	9.20	6.40	6.50	6.45	-	59.34	"
1st main rd(W0043) from 5th cross to 7th cross									
0.00	30.00	1	30.00	9.30	8.20	8.75	-	262.50	Sqm
30.00	60.00	1	30.00	8.20	8.90	8.55	-	256.50	"
60.00	81.00	1	21.00	8.90	9.10	9.00	-	189.00	"
							Net Qty to be Paid	14881.70	Sqm

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Asst. Executive Engineer
Yelahanka Sub Division
BBMP
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No.	14	Measurement Sheet

Item Name: Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)

Premeasurement recorded on:

Chainage	Land Mark	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
			For Asphalt road						
			11th A Main Cross(W0048) from 3rd cross to 2nd cross rd						
0.00	30.00	1	30.00	8.00	5.50	6.75	0.10	20.25	Cum
30.00	60.00	1	30.00	5.50	5.50	5.50	0.10	16.50	"
60.00	85.50	1	25.50	5.50	5.50	5.50	0.10	14.03	"
			11th A Main, from 3rd Cross to dead end						
0.00	30.00	1	30.00	5.50	5.50	5.50	0.10	16.50	Cum
30.00	36.00	1	6.00	5.50	6.00	5.75	0.10	3.45	"
36.00	48.90	1	12.90	6.00	2.00	4.00	0.10	5.16	"
			11th Main(W0077), from 4th cross road to 3rd Cross						
0.00	30.00	1	30.00	6.80	6.40	6.60	0.10	19.80	Cum
30.00	60.00	1	30.00	6.40	6.70	6.55	0.10	19.65	"
60.00	90.00	1	30.00	6.70	6.70	6.70	0.10	20.10	"
90.00	108.00	1	18.00	6.70	6.60	6.65	0.10	11.97	"
			3rd Cross from 11th 'A' main rd to 8th main rd						
0.00	30.00	1	30.00	5.60	5.20	5.40	0.10	16.20	Cum
30.00	60.00	1	30.00	5.20	5.20	5.20	0.10	15.60	"
60.00	80.00	1	20.00	5.20	5.20	5.20	0.10	10.40	"
			2nd Cross (W0120) from 8th main road to 4th cross rd						
0.00	30.00	1	30.00	6.00	6.00	6.00	0.10	18.00	Cum
30.00	60.00	1	30.00	6.00	6.00	6.00	0.10	18.00	"
60.00	90.00	1	30.00	6.00	6.00	6.00	0.10	18.00	"
90.00	96.00	1	6.00	6.00	6.00	6.00	0.10	3.60	"
96.00	126.00	1	30.00	6.50	6.50	6.50	0.10	19.50	Cum
126.00	156.00	1	30.00	6.50	6.50	6.50	0.10	19.50	"
156.00	186.00	1	30.00	6.50	6.50	6.50	0.10	19.50	"
186.00	216.00	1	30.00	6.50	6.50	6.50	0.10	19.50	"
216.00	230.80	1	14.80	6.50	6.50	6.50	0.10	9.62	"
			8th Main(W0085) from 3rd cross rd to 2nd cross rd						
Approach		1	9.00	1.50	1.50	1.50	0.15	2.03	Cum
		1	9.00	8.00	8.00	8.00	0.15	10.80	"
0.00	30.00	1	30.00	7.00	7.00	7.00	0.10	21.00	"
30.00	60.00	1	30.00	7.00	7.00	7.00	0.10	21.00	"
60.00	90.00	1	30.00	7.00	7.00	7.00	0.10	21.00	"
90.00	119.00	1	29.00	7.00	7.00	7.00	0.10	20.30	"
			KEB Layout (W0195) from KEB lyt rd to cross 3						
0.00	30.00	1	30.00	5.60	5.60	5.60	0.10	16.80	Cum
30.00	60.00	1	30.00	5.60	5.60	5.60	0.10	16.80	"
60.00	90.00	1	30.00	5.60	5.60	5.60	0.10	16.80	"
90.00	120.00	1	30.00	5.60	5.60	5.60	0.10	16.80	"
120.00	133.40	1	13.40	5.60	5.60	5.60	0.10	7.50	"
Approach		1	5.50	3.90	3.90	3.90	0.10	2.15	"

Checked AEE

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Unk. Zn)
Yelahanka, Bangalore

Dated 20/5/2022
AE-02

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
		1	5.50	2.00	2.00	2.00	0.10	1.10	"
Cross 2 from 11th 'A' main rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	0.10	20.25	Cum
30.00	60.00	1	30.00	5.50	5.50	5.50	0.10	16.50	"
60.00	72.00	1	12.00	5.50	5.50	5.50	0.10	6.60	"
Railway Paralell Road									
0.00	16.00	1	16.00	9.30	5.50	7.40	0.15	17.76	"
16.00	31.00	1	15.00	8.20	5.00	6.60	0.15	14.85	"
31.00	46.00	1	15.00	5.00	5.60	5.30	0.15	11.93	"
46.00	61.00	1	15.00	5.60	4.50	5.05	0.15	11.36	"
61.00	76.00	1	15.00	4.50	5.60	5.05	0.15	11.36	"
76.00	87.00	1	11.00	5.60	3.80	4.70	0.15	7.76	"
87.00	91.00	1	4.00	5.80	5.60	5.70	0.15	3.42	"
91.00	106.00	1	15.00	5.60	4.50	5.05	0.15	11.36	"
106.00	121.00	1	15.00	4.50	4.10	4.30	0.15	9.68	"
121.00	136.00	1	15.00	4.10	4.50	4.30	0.15	9.68	"
136.00	151.00	1	15.00	4.50	4.70	4.60	0.15	10.35	"
151.00	166.00	1	15.00	4.70	4.70	4.70	0.15	10.58	"
166.00	181.00	1	15.00	4.70	6.70	5.70	0.15	12.83	"
181.00	196.00	1	15.00	6.70	9.00	7.85	0.15	17.66	"
Nagenahalli Cross rd 1									
0.00	12.00	1	12.00	7.00	9.90	8.45	0.10	10.14	Cum
12.00	30.00	1	18.00	9.90	8.60	9.25	0.10	16.65	"
30.00	60.00	1	30.00	8.60	6.75	7.68	0.10	23.03	"
60.00	90.00	1	30.00	6.75	5.70	6.23	0.10	18.68	"
90.00	119.00	1	29.00	5.70	5.60	5.65	0.10	16.39	"
Nagenahalli Cross rd 2									
0.00	7.00	1	7.00	4.50	2.30	3.40	0.10	2.38	Cum
6th main rd(W0071) from 7th cross to 5th cross									
0.00	8.50	1	8.50	6.40	6.40	6.40	0.15	8.16	Cum
8.50	9.50	1	1.00	5.60	5.60	5.60	0.15	0.84	"
9.50	18.70	1	9.20	4.40	3.50	3.95	0.15	5.45	"
18.70	22.10	1	3.40	5.00	5.00	5.00	0.15	2.55	"
22.10	46.80	1	24.70	6.40	6.50	6.45	0.15	23.90	"
46.80	56.30	1	9.50	5.50	5.40	5.45	0.15	7.77	"
56.30	86.30	1	30.00	6.50	6.40	6.45	0.15	29.03	"
86.30	109.80	1	23.50	6.40	6.50	6.45	0.15	22.71	"
109.80	119.10	1	9.30	5.10	5.10	5.10	0.15	7.11	"
119.10	128.30	1	9.20	6.40	6.50	6.45	0.15	8.90	"
1st main rd(W0043) from 5th cross to 7th cross									
0.00	30.00	1	30.00	8.10	8.15	8.13	0.10	24.38	Cum
30.00	60.00	1	30.00	8.15	8.00	8.08	0.10	24.23	"
60.00	81.00	1	21.00	8.00	8.40	8.20	0.10	17.22	"
Approach		1	7.15	1.50	1.50	1.50	0.10	1.07	"
							Net Qty to be Paid	983.40	Cum

Ramanjaneyel A.E.E

CIVIL PRIME Consultants Bangalore

Civil Prime Consultants & Engineers

Assistant Engineer
Ward No.002
Chowdeshwari ward

Contractor

Ramanjaneyel
Asst. Executive Engineer
Yelahanka Sub-Division
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub-Division
Yelahanka, BBMP Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No.	15	Measurement Sheet
Item Name	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)	

Premeasurement recorded on:

Chainage	Land Mark	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
			For Asphalt road						
			11th A Main Cross(W0048) from 3rd cross to 2nd cross rd						
0.00	30.00	1	30.00	8.00	5.50	6.75	0.20	40.50	Cum
30.00	60.00	1	30.00	5.50	5.50	5.50	0.20	33.00	"
60.00	85.50	1	25.50	5.50	5.50	5.50	0.20	28.08	"
			11th A Main, from 3rd Cross to dead end						
0.00	30.00	1	30.00	5.50	5.50	5.50	0.20	33.00	Cum
30.00	36.00	1	6.00	5.50	6.00	5.75	0.20	6.90	"
36.00	48.90	1	12.90	6.00	2.00	4.00	0.20	10.32	"
			11th Main(W0077), from 4th cross road to 3rd Cross						
0.00	30.00	1	30.00	6.80	6.40	6.60	0.20	39.60	Cum
30.00	60.00	1	30.00	6.40	6.70	6.55	0.20	39.30	"
60.00	90.00	1	30.00	6.70	6.70	6.70	0.20	40.20	"
90.00	108.00	1	18.00	6.70	6.60	6.65	0.20	23.94	"
			3rd Cross from 11th 'A' main rd to 8th main rd						
0.00	30.00	1	30.00	5.60	5.20	5.40	0.20	32.40	Cum
30.00	60.00	1	30.00	5.20	5.20	5.20	0.20	31.20	"
60.00	80.00	1	20.00	5.20	5.20	5.20	0.20	20.80	"
			2nd Cross (W0120) from 8th main road to 4th cross rd						
0.00	30.00	1	30.00	6.00	6.00	6.00	0.20	36.00	Cum
30.00	60.00	1	30.00	6.00	6.00	6.00	0.20	36.00	"
60.00	90.00	1	30.00	6.00	6.00	6.00	0.20	36.00	"
90.00	96.00	1	6.00	6.00	6.00	6.00	0.20	7.20	"
96.00	126.00	1	30.00	6.50	6.50	6.50	0.20	39.00	Cum
126.00	156.00	1	30.00	6.50	6.50	6.50	0.20	39.00	"
156.00	186.00	1	30.00	6.50	6.50	6.50	0.20	39.00	"
186.00	216.00	1	30.00	6.50	6.50	6.50	0.20	39.00	"
216.00	230.80	1	14.80	6.50	6.50	6.50	0.20	19.24	"
			8th Main(W0085) from 3rd cross rd to 2nd cross rd						
Approach		1	9.00	1.50	1.50	1.50	0.20	2.70	Cum
		1	9.00	8.00	8.00	8.00	0.20	14.40	"
0.00	30.00	1	30.00	7.00	7.00	7.00	0.20	42.00	"
30.00	60.00	1	30.00	7.00	7.00	7.00	0.20	42.00	"
60.00	90.00	1	30.00	7.00	7.00	7.00	0.20	42.00	"
90.00	119.00	1	29.00	7.00	7.00	7.00	0.20	40.60	"
			KEB Layout (W0195) from KEB lyt rd to cross 3						
0.00	30.00	1	30.00	5.60	5.60	5.60	0.23	38.64	Cum
30.00	60.00	1	30.00	5.60	5.60	5.60	0.23	38.64	"
60.00	90.00	1	30.00	5.60	5.60	5.60	0.23	38.64	"
90.00	120.00	1	30.00	5.60	5.60	5.60	0.23	38.64	"
120.00	133.40	1	13.40	5.60	5.60	5.60	0.23	17.26	"
Approach		1	5.50	3.90	3.90	3.90	0.23	4.93	"

CONSULTANTS AND ENGINEERS Bangalore

AE-02

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
		1	5.50	2.00	2.00	2.00	0.23	2.53	"
Cross 2 from 11th 'A' main rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	0.20	40.50	Cum
30.00	60.00	1	30.00	5.50	5.50	5.50	0.20	33.00	"
60.00	72.00	1	12.00	5.50	5.50	5.50	0.20	13.20	"
Railway Paralell Road									
0.00	16.00	1	16.00	9.30	5.50	7.40	0.23	27.25	"
16.00	31.00	1	15.00	8.20	5.00	6.60	0.23	22.78	"
31.00	46.00	1	15.00	5.00	5.60	5.30	0.23	18.29	"
46.00	61.00	1	15.00	5.60	4.50	5.05	0.23	17.42	"
61.00	76.00	1	15.00	4.50	5.60	5.05	0.23	17.42	"
76.00	87.00	1	11.00	5.60	3.80	4.70	0.23	11.89	"
87.00	91.00	1	4.00	5.80	5.60	5.70	0.23	5.24	"
91.00	106.00	1	15.00	5.60	4.50	5.05	0.23	17.42	"
106.00	121.00	1	15.00	4.50	4.10	4.30	0.23	14.84	"
121.00	136.00	1	15.00	4.10	4.50	4.30	0.23	14.84	"
136.00	151.00	1	15.00	4.50	4.70	4.60	0.23	15.87	"
151.00	166.00	1	15.00	4.70	4.70	4.70	0.23	16.22	"
166.00	181.00	1	15.00	4.70	6.70	5.70	0.23	19.67	"
181.00	196.00	1	15.00	6.70	9.00	7.85	0.23	27.08	"
Nagenahalli Cross rd 1									
0.00	12.00	1	12.00	7.00	9.90	8.45	0.20	20.28	Cum
12.00	30.00	1	18.00	9.90	8.60	9.25	0.20	33.30	"
30.00	60.00	1	30.00	8.60	6.75	7.68	0.20	46.05	"
60.00	90.00	1	30.00	6.75	5.70	6.23	0.20	37.35	"
90.00	119.00	1	29.00	5.70	5.60	5.65	0.20	32.77	"
Nagenahalli Cross rd 2									
0.00	7.00	1	7.00	4.50	2.30	3.40	0.20	4.76	Cum
6th main rd(W0071) from 7th cross to 5th cross									
0.00	8.50	1	8.50	6.40	6.40	6.40	0.23	12.51	Cum
8.50	9.50	1	1.00	5.60	5.60	5.60	0.23	1.29	"
9.50	18.70	1	9.20	4.40	3.50	3.95	0.23	8.36	"
18.70	22.10	1	3.40	5.00	5.00	5.00	0.23	3.91	"
22.10	46.80	1	24.70	6.40	6.50	6.45	0.23	36.66	"
46.80	56.30	1	9.50	5.50	5.40	5.45	0.23	11.91	"
56.30	86.30	1	30.00	6.50	6.40	6.45	0.23	44.51	"
86.30	109.80	1	23.50	6.40	6.50	6.45	0.23	34.86	"
109.80	119.10	1	9.30	5.10	5.10	5.10	0.23	10.91	"
119.10	128.30	1	9.20	6.40	6.50	6.45	0.23	13.65	"
1st main rd(W0043) from 5th cross to 7th cross									
0.00	30.00	1	30.00	8.10	8.15	8.13	0.20	48.75	Cum
30.00	60.00	1	30.00	8.15	8.00	8.08	0.20	48.45	"
60.00	81.00	1	21.00	8.00	8.40	8.20	0.20	34.44	"
Approach		1	7.15	1.50	1.50	1.50	0.20	2.15	"
							Net Qty to be Paid	1852.36	Cum

A.E.E

CIVIL PRIME CONSULTANTS ENGINEERS Bangalore

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Asst. Executive Engineer
Assistant Executive Engineer
Yelahanka Sub. Division
(BBMP Yrk. Zn.)
B.B.M.P.
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No.	16
Item Name	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)

Premeasurement recorded on:

Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
For Asphalt road									
11th A Main Cross(W0048) from 3rd cross to 2nd cross rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	-	202.50	Sqm
30.00	60.00	1	30.00	5.50	5.50	5.50	-	165.00	"
60.00	85.50	1	25.50	5.50	5.50	5.50	-	140.25	"
11th A Main, from 3rd Cross to dead end									
0.00	30.00	1	30.00	5.50	5.50	5.50	-	165.00	Sqm
30.00	36.00	1	6.00	5.50	6.00	5.75	-	34.50	"
36.00	48.90	1	12.90	6.00	2.00	4.00	-	51.60	"
11th Main(W0077), from 4th cross road to 3rd Cross									
0.00	30.00	1	30.00	6.80	6.40	6.60	-	198.00	Sqm
30.00	60.00	1	30.00	6.40	6.70	6.55	-	196.50	"
60.00	90.00	1	30.00	6.70	6.70	6.70	-	201.00	"
90.00	108.00	1	18.00	6.70	6.60	6.65	-	119.70	"
3rd Cross from 11th 'A' main rd to 8th main rd									
0.00	30.00	1	30.00	5.60	5.20	5.40	-	162.00	Sqm
30.00	60.00	1	30.00	5.20	5.20	5.20	-	156.00	"
60.00	80.00	1	20.00	5.20	5.20	5.20	-	104.00	"
2nd Cross (W0120) from 8th main road to 4th cross rd									
0.00	30.00	1	30.00	6.00	6.00	6.00	-	180.00	Sqm
30.00	60.00	1	30.00	6.00	6.00	6.00	-	180.00	"
60.00	90.00	1	30.00	6.00	6.00	6.00	-	180.00	"
90.00	96.00	1	6.00	6.00	6.00	6.00	-	36.00	"
96.00	126.00	1	30.00	6.50	6.50	6.50	-	195.00	Sqm
126.00	156.00	1	30.00	6.50	6.50	6.50	-	195.00	"
156.00	186.00	1	30.00	6.50	6.50	6.50	-	195.00	"
186.00	216.00	1	30.00	6.50	6.50	6.50	-	195.00	"
216.00	230.80	1	14.80	6.50	6.50	6.50	-	96.20	"
8th Main(W0085) from 3rd cross rd to 2nd cross rd									
Approach		1	9.00	1.50	1.50	1.50	-	13.50	Sqm
		1	9.00	8.00	8.00	8.00	-	72.00	"
0.00	30.00	1	30.00	7.00	7.00	7.00	-	210.00	"
30.00	60.00	1	30.00	7.00	7.00	7.00	-	210.00	"
60.00	90.00	1	30.00	7.00	7.00	7.00	-	210.00	"
90.00	119.00	1	29.00	7.00	7.00	7.00	-	203.00	"
KEB Layout (W0195) from KEB lyt rd to cross 3									
0.00	30.00	1	30.00	5.60	5.60	5.60	-	168.00	Sqm
30.00	60.00	1	30.00	5.60	5.60	5.60	-	168.00	"
60.00	90.00	1	30.00	5.60	5.60	5.60	-	168.00	"
90.00	120.00	1	30.00	5.60	5.60	5.60	-	168.00	"
120.00	133.40	1	13.40	5.60	5.60	5.60	-	75.04	"
Approach		1	5.50	3.90	3.90	3.90	-	21.45	"
		1	5.50	2.00	2.00	2.00	-	11.00	"
Cross 2 from 11th 'A' main rd									

Assistant Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
0.00	30.00	1	30.00	8.00	5.50	6.75	-	202.50	Sqm
30.00	60.00	1	30.00	5.50	5.50	5.50	-	165.00	"
60.00	72.00	1	12.00	5.50	5.50	5.50	-	66.00	"
Railway Paralell Road									
0.00	16.00	1	16.00	9.30	5.50	7.40	-	118.40	"
16.00	31.00	1	15.00	8.20	5.00	6.60	-	99.00	"
31.00	46.00	1	15.00	5.00	5.60	5.30	-	79.50	"
46.00	61.00	1	15.00	5.60	4.50	5.05	-	75.75	"
61.00	76.00	1	15.00	4.50	5.60	5.05	-	75.75	"
76.00	87.00	1	11.00	5.60	3.80	4.70	-	51.70	"
87.00	91.00	1	4.00	5.80	5.60	5.70	-	22.80	"
91.00	106.00	1	15.00	5.60	4.50	5.05	-	75.75	"
106.00	121.00	1	15.00	4.50	4.10	4.30	-	64.50	"
121.00	136.00	1	15.00	4.10	4.50	4.30	-	64.50	"
136.00	151.00	1	15.00	4.50	4.70	4.60	-	69.00	"
151.00	166.00	1	15.00	4.70	4.70	4.70	-	70.50	"
166.00	181.00	1	15.00	4.70	6.70	5.70	-	85.50	"
181.00	196.00	1	15.00	6.70	9.00	7.85	-	117.75	"
Nagenahalli Cross rd 1									
0.00	12.00	1	12.00	7.00	9.90	8.45	-	101.40	Sqm
12.00	30.00	1	18.00	9.90	8.60	9.25	-	166.50	"
30.00	60.00	1	30.00	8.60	6.75	7.68	-	230.25	"
60.00	90.00	1	30.00	6.75	5.70	6.23	-	186.75	"
90.00	119.00	1	29.00	5.70	5.60	5.65	-	163.85	"
Nagenahalli Cross rd 2									
0.00	7.00	1	7.00	4.50	2.30	3.40	-	23.80	Sqm
6th main rd(W0071) from 7th cross to 5th cross									
0.00	8.50	1	8.50	6.40	6.40	6.40	-	54.40	Sqm
8.50	9.50	1	1.00	5.60	5.60	5.60	-	5.60	"
9.50	18.70	1	9.20	4.40	3.50	3.95	-	36.34	"
18.70	22.10	1	3.40	5.00	5.00	5.00	-	17.00	"
22.10	46.80	1	24.70	6.40	6.50	6.45	-	159.32	"
46.80	56.30	1	9.50	5.50	5.40	5.45	-	51.78	"
56.30	86.30	1	30.00	6.50	6.40	6.45	-	193.50	"
86.30	109.80	1	23.50	6.40	6.50	6.45	-	151.58	"
109.80	119.10	1	9.30	5.10	5.10	5.10	-	47.43	"
119.10	128.30	1	9.20	6.40	6.50	6.45	-	59.34	"
1st main rd(W0043) from 5th cross to 7th cross									
0.00	30.00	1	30.00	8.10	8.15	8.13	-	243.75	Sqm
30.00	60.00	1	30.00	8.15	8.00	8.08	-	242.25	"
60.00	81.00	1	21.00	8.00	8.40	8.20	-	172.20	"
Approach		1	7.15	1.50	1.50	1.50	-	10.72	"
							Net Qty to be Paid	8867.00	Sqm

Remarked A.E.E

CIVIL PRIME CONSULTANTS AND ENGINEERS Bangalore

Civil Prime Consultants & Engineers

Contractor

25/05/2022

Assistant Engineer
Ward No.002
Chowdeshwari ward

Assistant Executive Engineer
Yelahanka Sub-Division
(BBMP Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No.	17	Measurement Sheet

Item Name: KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160.1 No-21.17.6)

Premeasurement recorded on:

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
For Asphalt road									
11th A Main Cross(W0048) from 3rd cross to 2nd cross rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	0.05	10.13	Cum
30.00	60.00	1	30.00	5.50	5.50	5.50	0.05	8.25	"
60.00	85.50	1	25.50	5.50	5.50	5.50	0.05	7.01	"
11th A Main, from 3rd Cross to dead end									
0.00	30.00	1	30.00	5.50	5.50	5.50	0.05	8.25	Cum
30.00	36.00	1	6.00	5.50	6.00	5.75	0.05	1.73	"
36.00	48.90	1	12.90	6.00	2.00	4.00	0.05	2.58	"
11th Main(W0077), from 4th cross road to 3rd Cross									
0.00	30.00	1	30.00	6.80	6.40	6.60	0.05	9.90	Cum
30.00	60.00	1	30.00	6.40	6.70	6.55	0.05	9.83	"
60.00	90.00	1	30.00	6.70	6.70	6.70	0.05	10.05	"
90.00	108.00	1	18.00	6.70	6.60	6.65	0.05	5.99	"
3rd Cross from 11th 'A' main rd to 8th main rd									
0.00	30.00	1	30.00	5.60	5.20	5.40	0.05	8.10	Cum
30.00	60.00	1	30.00	5.20	5.20	5.20	0.05	7.80	"
60.00	80.00	1	20.00	5.20	5.20	5.20	0.05	5.20	"
2nd Cross (W0120) from 8th main road to 4th cross rd									
0.00	30.00	1	30.00	6.00	6.00	6.00	0.05	9.00	Cum
30.00	60.00	1	30.00	6.00	6.00	6.00	0.05	9.00	"
60.00	90.00	1	30.00	6.00	6.00	6.00	0.05	9.00	"
90.00	96.00	1	6.00	6.00	6.00	6.00	0.05	1.80	"
96.00	126.00	1	30.00	6.50	6.50	6.50	0.05	9.75	Cum
126.00	156.00	1	30.00	6.50	6.50	6.50	0.05	9.75	"
156.00	186.00	1	30.00	6.50	6.50	6.50	0.05	9.75	"
186.00	216.00	1	30.00	6.50	6.50	6.50	0.05	9.75	"
216.00	230.80	1	14.80	6.50	6.50	6.50	0.05	4.81	"
8th Main(W0085) from 3rd cross rd to 2nd cross rd									
Approach		1	9.00	1.50	1.50	1.50	0.05	0.68	Cum
		1	9.00	8.00	8.00	8.00	0.05	3.60	"
0.00	30.00	1	30.00	7.00	7.00	7.00	0.05	10.50	"
30.00	60.00	1	30.00	7.00	7.00	7.00	0.05	10.50	"
60.00	90.00	1	30.00	7.00	7.00	7.00	0.05	10.50	"
90.00	119.00	1	29.00	7.00	7.00	7.00	0.05	10.15	"
KEB Layout (W0195) from KEB lyt rd to cross 3									
0.00	30.00	1	30.00	5.60	5.60	5.60	0.05	8.40	Cum
30.00	60.00	1	30.00	5.60	5.60	5.60	0.05	8.40	"
60.00	90.00	1	30.00	5.60	5.60	5.60	0.05	8.40	"
90.00	120.00	1	30.00	5.60	5.60	5.60	0.05	8.40	"
120.00	133.40	1	13.40	5.60	5.60	5.60	0.05	3.75	"

Recommended
A.E.E

AE-02

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yel. Zn)
Yelahanka, Bangalore

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
Approach		1	5.50	3.90	3.90	3.90	0.05	1.07	"
		1	5.50	2.00	2.00	2.00	0.05	0.55	"
Cross 2 from 11th 'A' main rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	0.05	10.13	Cum
30.00	60.00	1	30.00	5.50	5.50	5.50	0.05	8.25	"
60.00	72.00	1	12.00	5.50	5.50	5.50	0.05	3.30	"
Railway Paralell Road									
0.00	16.00	1	16.00	9.30	5.50	7.40	0.05	5.92	"
16.00	31.00	1	15.00	8.20	5.00	6.60	0.05	4.95	"
31.00	46.00	1	15.00	5.00	5.60	5.30	0.05	3.98	"
46.00	61.00	1	15.00	5.60	4.50	5.05	0.05	3.79	"
61.00	76.00	1	15.00	4.50	5.60	5.05	0.05	3.79	"
76.00	87.00	1	11.00	5.60	3.80	4.70	0.05	2.59	"
87.00	91.00	1	4.00	5.80	5.60	5.70	0.05	1.14	"
91.00	106.00	1	15.00	5.60	4.50	5.05	0.05	3.79	"
106.00	121.00	1	15.00	4.50	4.10	4.30	0.05	3.23	"
121.00	136.00	1	15.00	4.10	4.50	4.30	0.05	3.23	"
136.00	151.00	1	15.00	4.50	4.70	4.60	0.05	3.45	"
151.00	166.00	1	15.00	4.70	4.70	4.70	0.05	3.53	"
166.00	181.00	1	15.00	4.70	6.70	5.70	0.05	4.28	"
181.00	196.00	1	15.00	6.70	9.00	7.85	0.05	5.89	"
Nagenahalli Cross rd 1									
0.00	12.00	1	12.00	7.00	9.90	8.45	0.05	5.07	Cum
12.00	30.00	1	18.00	9.90	8.60	9.25	0.05	8.33	"
30.00	60.00	1	30.00	8.60	6.75	7.68	0.05	11.52	"
60.00	90.00	1	30.00	6.75	5.70	6.23	0.05	9.34	"
90.00	119.00	1	29.00	5.70	5.60	5.65	0.05	8.19	"
Nagenahalli Cross rd 2									
0.00	7.00	1	7.00	4.50	2.30	3.40	0.05	1.19	Cum
6th main rd(W0071) from 7th cross to 5th cross									
0.00	8.50	1	8.50	6.40	6.40	6.40	0.05	2.72	Cum
8.50	9.50	1	1.00	5.60	5.60	5.60	0.05	0.28	"
9.50	18.70	1	9.20	4.40	3.50	3.95	0.05	1.82	"
18.70	22.10	1	3.40	5.00	5.00	5.00	0.05	0.85	"
22.10	46.80	1	24.70	6.40	6.50	6.45	0.05	7.97	"
46.80	56.30	1	9.50	5.50	5.40	5.45	0.05	2.59	"
56.30	86.30	1	30.00	6.50	6.40	6.45	0.05	9.68	"
86.30	109.80	1	23.50	6.40	6.50	6.45	0.05	7.58	"
109.80	119.10	1	9.30	5.10	5.10	5.10	0.05	2.37	"
119.10	128.30	1	9.20	6.40	6.50	6.45	0.05	2.97	"
1st main rd(W0043) from 5th cross to 7th cross									
0.00	30.00	1	30.00	8.10	8.15	8.13	0.05	12.19	Cum
30.00	60.00	1	30.00	8.15	8.00	8.08	0.05	12.11	"
60.00	81.00	1	21.00	8.00	8.40	8.20	0.05	8.61	"
Approach		1	7.15	1.50	1.50	1.50	0.05	0.54	"
						Net Qty to be Paid		443.39	Cum

A.E.E

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

27/05/2022

Asst. Executive Engineer
Assistant Executive Engineer
Yelahanka Sub-Division
(Bbmp Yks. Zn)
B.B.M.P
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No. 18

Item Name: KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7)

Premeasurement recorded on:

Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
For Asphalt road									
11th A Main Cross(W0048) from 3rd cross to 2nd cross rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	-	202.50	Sqm
30.00	60.00	1	30.00	5.50	5.50	5.50	-	165.00	"
60.00	85.50	1	25.50	5.50	5.50	5.50	-	140.25	"
11th A Main, from 3rd Cross to dead end									
0.00	30.00	1	30.00	5.50	5.50	5.50	-	165.00	Sqm
30.00	36.00	1	6.00	5.50	6.00	5.75	-	34.50	"
36.00	48.90	1	12.90	6.00	2.00	4.00	-	51.60	"
11th Main(W0077), from 4th cross road to 3rd Cross									
0.00	30.00	1	30.00	6.80	6.40	6.60	-	198.00	Sqm
30.00	60.00	1	30.00	6.40	6.70	6.55	-	196.50	"
60.00	90.00	1	30.00	6.70	6.70	6.70	-	201.00	"
90.00	108.00	1	18.00	6.70	6.60	6.65	-	119.70	"
3rd Cross from 11th 'A' main rd to 8th main rd									
0.00	30.00	1	30.00	5.60	5.20	5.40	-	162.00	Sqm
30.00	60.00	1	30.00	5.20	5.20	5.20	-	156.00	"
60.00	80.00	1	20.00	5.20	5.20	5.20	-	104.00	"
2nd Cross (W0120) from 8th main road to 4th cross rd									
0.00	30.00	1	30.00	6.00	6.00	6.00	-	180.00	Sqm
30.00	60.00	1	30.00	6.00	6.00	6.00	-	180.00	"
60.00	90.00	1	30.00	6.00	6.00	6.00	-	180.00	"
90.00	96.00	1	6.00	6.00	6.00	6.00	-	36.00	"
96.00	126.00	1	30.00	6.50	6.50	6.50	-	195.00	Sqm
126.00	156.00	1	30.00	6.50	6.50	6.50	-	195.00	"
156.00	186.00	1	30.00	6.50	6.50	6.50	-	195.00	"
186.00	216.00	1	30.00	6.50	6.50	6.50	-	195.00	"
216.00	230.80	1	14.80	6.50	6.50	6.50	-	96.20	"
8th Main(W0085) from 3rd cross rd to 2nd cross rd									
		1	9.00	1.50	1.50	1.50	-	13.50	Sqm
Approach		1	9.00	8.00	8.00	8.00	-	72.00	"
0.00	30.00	1	30.00	7.00	7.00	7.00	-	210.00	"
30.00	60.00	1	30.00	7.00	7.00	7.00	-	210.00	"
60.00	90.00	1	30.00	7.00	7.00	7.00	-	210.00	"
90.00	119.00	1	29.00	7.00	7.00	7.00	-	203.00	"
KEB Layout (W0195) from KEB lyt rd to cross 3									
0.00	30.00	1	30.00	5.60	5.60	5.60	-	168.00	Sqm
30.00	60.00	1	30.00	5.60	5.60	5.60	-	168.00	"
60.00	90.00	1	30.00	5.60	5.60	5.60	-	168.00	"
90.00	120.00	1	30.00	5.60	5.60	5.60	-	168.00	"
120.00	133.40	1	13.40	5.60	5.60	5.60	-	75.04	"
Approach		1	5.50	3.90	3.90	3.90	-	21.45	"

Assl. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk Zn)
Yelahanka, Bangalore

Chainage	Land Mark	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
		1	5.50	2.00	2.00	2.00	-	11.00	"
Cross 2 from 11th 'A' main rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	-	202.50	Sqm
30.00	60.00	1	30.00	5.50	5.50	5.50	-	165.00	"
60.00	72.00	1	12.00	5.50	5.50	5.50	-	66.00	"
Railway Paralell Road									
0.00	16.00	1	16.00	9.30	5.50	7.40	-	118.40	"
16.00	31.00	1	15.00	8.20	5.00	6.60	-	99.00	"
31.00	46.00	1	15.00	5.00	5.60	5.30	-	79.50	"
46.00	61.00	1	15.00	5.60	4.50	5.05	-	75.75	"
61.00	76.00	1	15.00	4.50	5.60	5.05	-	75.75	"
76.00	87.00	1	11.00	5.60	3.80	4.70	-	51.70	"
87.00	91.00	1	4.00	5.80	5.60	5.70	-	22.80	"
91.00	106.00	1	15.00	5.60	4.50	5.05	-	75.75	"
106.00	121.00	1	15.00	4.50	4.10	4.30	-	64.50	"
121.00	136.00	1	15.00	4.10	4.50	4.30	-	64.50	"
136.00	151.00	1	15.00	4.50	4.70	4.60	-	69.00	"
151.00	166.00	1	15.00	4.70	4.70	4.70	-	70.50	"
166.00	181.00	1	15.00	4.70	6.70	5.70	-	85.50	"
181.00	196.00	1	15.00	6.70	9.00	7.85	-	117.75	"
Nagenahalli Cross rd 1									
0.00	12.00	1	12.00	7.00	9.90	8.45	-	101.40	Sqm
12.00	30.00	1	18.00	9.90	8.60	9.25	-	166.50	"
30.00	60.00	1	30.00	8.60	6.75	7.68	-	230.25	"
60.00	90.00	1	30.00	6.75	5.70	6.23	-	186.75	"
90.00	119.00	1	29.00	5.70	5.60	5.65	-	163.85	"
Nagenahalli Cross rd 2									
0.00	7.00	1	7.00	4.50	2.30	3.40	-	23.80	Sqm
6th main rd(W0071) from 7th cross to 5th cross									
0.00	8.50	1	8.50	6.40	6.40	6.40	-	54.40	Sqm
8.50	9.50	1	1.00	5.60	5.60	5.60	-	5.60	"
9.50	18.70	1	9.20	4.40	3.50	3.95	-	36.34	"
18.70	22.10	1	3.40	5.00	5.00	5.00	-	17.00	"
22.10	46.80	1	24.70	6.40	6.50	6.45	-	159.32	"
46.80	56.30	1	9.50	5.50	5.40	5.45	-	51.78	"
56.30	86.30	1	30.00	6.50	6.40	6.45	-	193.50	"
86.30	109.80	1	23.50	6.40	6.50	6.45	-	151.58	"
109.80	119.10	1	9.30	5.10	5.10	5.10	-	47.43	"
119.10	128.30	1	9.20	6.40	6.50	6.45	-	59.34	"
1st main rd(W0043) from 5th cross to 7th cross									
0.00	30.00	1	30.00	8.10	8.15	8.13	-	243.75	Sqm
30.00	60.00	1	30.00	8.15	8.00	8.08	-	242.25	"
60.00	81.00	1	21.00	8.00	8.40	8.20	-	172.20	"
Approach		1	7.15	1.50	1.50	1.50	-	10.73	"
							Net Qty to be Paid	**8867.89**	**Sqm**

A.E.E

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Asst. Executive Engineer
Assistant Executive Engineer
Yelahanka Sub Division
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No	19
Item Name	KSRRB M500-19 Providing and laying bituminous concrete using crushed aggregates of specified grading premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using40.60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen(P.No-162.1 No-21.22.6)

Bill measurement recorded on:

Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
For Asphalt road									
11th A Main Cross(W0048) from 3rd cross to 2nd cross rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	0.04	8.10	Cum
30.00	60.00	1	30.00	5.50	5.50	5.50	0.04	6.60	"
60.00	85.50	1	25.50	5.50	5.50	5.50	0.04	5.61	"
11th A Main, from 3rd Cross to dead end									
0.00	30.00	1	30.00	5.50	5.50	5.50	0.04	6.60	Cum
30.00	36.00	1	6.00	5.50	6.00	5.75	0.04	1.38	"
36.00	48.90	1	12.90	6.00	2.00	4.00	0.04	2.06	"
11th Main(W0077), from 4th cross road to 3rd Cross									
0.00	30.00	1	30.00	6.80	6.40	6.60	0.04	7.92	Cum
30.00	60.00	1	30.00	6.40	6.70	6.55	0.04	7.86	"
60.00	90.00	1	30.00	6.70	6.70	6.70	0.04	8.04	"
90.00	108.00	1	18.00	6.70	6.60	6.65	0.04	4.79	"
3rd Cross from 11th 'A' main rd to 8th main rd									
0.00	30.00	1	30.00	5.60	5.20	5.40	0.04	6.48	Cum
30.00	60.00	1	30.00	5.20	5.20	5.20	0.04	6.24	"
60.00	80.00	1	20.00	5.20	5.20	5.20	0.04	4.16	"
2nd Cross (W0120) from 8th main road to 4th cross rd									
0.00	30.00	1	30.00	6.00	6.00	6.00	0.04	7.20	"
30.00	60.00	1	30.00	6.00	6.00	6.00	0.04	7.20	"
60.00	90.00	1	30.00	6.00	6.00	6.00	0.04	7.20	"
90.00	96.00	1	6.00	6.00	6.00	6.00	0.04	1.44	"
96.00	126.00	1	30.00	6.50	6.50	6.50	0.04	7.80	Cum
126.00	156.00	1	30.00	6.50	6.50	6.50	0.04	7.80	"
156.00	186.00	1	30.00	6.50	6.50	6.50	0.04	7.80	"
186.00	216.00	1	30.00	6.50	6.50	6.50	0.04	7.80	"
216.00	230.80	1	14.80	6.50	6.50	6.50	0.04	3.85	"
8th Main(W0085) from 3rd cross rd to 2nd cross rd									
Approach		1	9.00	1.50	1.50	1.50	0.04	0.54	Cum
		1	9.00	8.00	8.00	8.00	0.04	2.88	"
0.00	30.00	1	30.00	7.00	7.00	7.00	0.04	8.40	"
30.00	60.00	1	30.00	7.00	7.00	7.00	0.04	8.40	"
60.00	90.00	1	30.00	7.00	7.00	7.00	0.04	8.40	"
90.00	119.00	1	29.00	7.00	7.00	7.00	0.04	8.12	"
KEB Layout (W0195) from KEB lyt rd to cross 3									
0.00	30.00	1	30.00	5.60	5.60	5.60	0.04	6.72	Cum
30.00	60.00	1	30.00	5.60	5.60	5.60	0.04	6.72	"
60.00	90.00	1	30.00	5.60	5.60	5.60	0.04	6.72	"
90.00	120.00	1	30.00	5.60	5.60	5.60	0.04	6.72	"
120.00	133.40	1	13.40	5.60	5.60	5.60	0.04	3.00	"

Ramajaiah A.E.E

Asst. Executive Engineer
Yelahanka Sub Division
BBMP, YNK Zone
Yelahanka, Bangalore

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
Approach		1	5.50	3.90	3.90	3.90	0.04	0.86	"
		1	5.50	2.00	2.00	2.00	0.04	0.44	"
Cross 2 from 11th 'A' main rd									
0.00	30.00	1	30.00	8.00	5.50	6.75	0.04	8.10	Cum
30.00	60.00	1	30.00	5.50	5.50	5.50	0.04	6.60	"
60.00	72.00	1	12.00	5.50	5.50	5.50	0.04	2.64	"
Railway Parallel Road									
0.00	16.00	1	16.00	9.30	5.50	7.40	0.04	4.74	"
16.00	31.00	1	15.00	8.20	5.00	6.60	0.04	3.96	"
31.00	46.00	1	15.00	5.00	5.60	5.30	0.04	3.18	"
46.00	61.00	1	15.00	5.60	4.50	5.05	0.04	3.03	"
61.00	76.00	1	15.00	4.50	5.60	5.05	0.04	3.03	"
76.00	87.00	1	11.00	5.60	3.80	4.70	0.04	2.07	"
87.00	91.00	1	4.00	5.80	5.60	5.70	0.04	0.91	"
91.00	106.00	1	15.00	5.60	4.50	5.05	0.04	3.03	"
106.00	121.00	1	15.00	4.50	4.10	4.30	0.04	2.58	"
121.00	136.00	1	15.00	4.10	4.50	4.30	0.04	2.58	"
136.00	151.00	1	15.00	4.50	4.70	4.60	0.04	2.76	"
151.00	166.00	1	15.00	4.70	4.70	4.70	0.04	2.82	"
166.00	181.00	1	15.00	4.70	6.70	5.70	0.04	3.42	"
181.00	196.00	1	15.00	6.70	9.00	7.85	0.04	4.71	"
Nagenahalli Cross rd 1									
0.00	12.00	1	12.00	7.00	9.90	8.45	0.04	4.06	Cum
12.00	30.00	1	18.00	9.90	8.60	9.25	0.04	6.66	"
30.00	60.00	1	30.00	8.60	6.75	7.68	0.04	9.21	"
60.00	90.00	1	30.00	6.75	5.70	6.23	0.04	7.47	"
90.00	119.00	1	29.00	5.70	5.60	5.65	0.04	6.55	"
Nagenahalli Cross rd 2									
0.00	7.00	1	7.00	4.50	2.30	3.40	0.04	0.95	Cum
6th main rd(W0071) from 7th cross to 5th cross									
0.00	8.50	1	8.50	6.40	6.40	6.40	0.04	2.18	Cum
8.50	9.50	1	1.00	5.60	5.60	5.60	0.04	0.22	"
9.50	18.70	1	9.20	4.40	3.50	3.95	0.04	1.45	"
18.70	22.10	1	3.40	5.00	5.00	5.00	0.04	0.68	"
22.10	46.80	1	24.70	6.40	6.50	6.45	0.04	6.37	"
46.80	56.30	1	9.50	5.50	5.40	5.45	0.04	2.07	"
56.30	86.30	1	30.00	6.50	6.40	6.45	0.04	7.75	"
86.30	109.80	1	23.50	6.40	6.50	6.45	0.04	6.06	"
109.80	119.10	1	9.30	5.10	5.10	5.10	0.04	1.90	"
119.10	128.30	1	9.20	6.40	6.50	6.45	0.04	2.37	"
1st main rd(W0043) from 5th cross to 7th cross									
0.00	30.00	1	30.00	8.10	8.15	8.13	0.04	9.75	Cum
30.00	60.00	1	30.00	8.15	8.00	8.08	0.04	9.69	"
60.00	81.00	1	21.00	8.00	8.40	8.20	0.04	6.89	"
Approach		1	7.15	1.50	1.50	1.50	0.04	0.43	"
						Net Qty to be Paid		354.72	Cum

Civil Prime Consultants & Engineers

Assistant Engineer
Ward No.002
Chowdeshwari ward

Contractor

Assistant Executive Engineer
Yelahanka Sub-Division
(BBMP Yak. Zn)
B.B.M.P.
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No.	20	Measurement Sheet

Item Name: KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I.No-24.15)

Bill measurement recorded on:

Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
For Asphalt road									
For Asphalt road									
11th A Main Cross(W0048) from 3rd cross to 2nd cross rd									
0.00	30.00	2	30.00	0.10	0.10	0.10	-	6.00	Sqm
30.00	60.00	2	30.00	0.10	0.10	0.10	-	6.00	"
60.00	85.50	2	25.50	0.10	0.10	0.10	-	5.10	"
11th A Main, from 3rd Cross to dead end									
0.00	30.00	2	30.00	0.10	0.10	0.10	-	6.00	Sqm
30.00	36.00	2	6.00	0.10	0.10	0.10	-	1.20	"
36.00	48.90	2	12.90	0.10	0.10	0.10	-	2.58	"
11th Main(W0077), from 4th cross road to 3rd Cross									
0.00	30.00	2	30.00	0.10	0.10	0.10	-	6.00	Sqm
30.00	60.00	2	30.00	0.10	0.10	0.10	-	6.00	"
60.00	90.00	2	30.00	0.10	0.10	0.10	-	6.00	"
90.00	108.00	2	18.00	0.10	0.10	0.10	-	3.60	"
3rd Cross from 11th 'A' main rd to 8th main rd									
0.00	30.00	2	30.00	0.10	0.10	0.10	-	6.00	Sqm
30.00	60.00	2	30.00	0.10	0.10	0.10	-	6.00	"
60.00	80.00	2	20.00	0.10	0.10	0.10	-	4.00	"
2nd Cross (W0120) from 8th main road to 4th cross rd									
0.00	30.00	2	30.00	0.10	0.10	0.10	-	6.00	Sqm
30.00	60.00	2	30.00	0.10	0.10	0.10	-	6.00	"
60.00	90.00	2	30.00	0.10	0.10	0.10	-	6.00	"
90.00	96.00	2	6.00	0.10	0.10	0.10	-	1.20	"
96.00	126.00	2	30.00	0.10	0.10	0.10	-	6.00	Sqm
126.00	156.00	2	30.00	0.10	0.10	0.10	-	6.00	"
156.00	186.00	2	30.00	0.10	0.10	0.10	-	6.00	"
186.00	216.00	2	30.00	0.10	0.10	0.10	-	6.00	"
216.00	230.80	2	14.80	0.10	0.10	0.10	-	2.96	"
8th Main(W0085) from 3rd cross rd to 2nd cross rd									
0.00	30.00	2	30.00	0.10	0.10	0.10	-	6.00	"
30.00	60.00	2	30.00	0.10	0.10	0.10	-	6.00	"
60.00	90.00	2	30.00	0.10	0.10	0.10	-	6.00	"
90.00	119.00	2	29.00	0.10	0.10	0.10	-	5.80	"
KEB Layout (W0195) from KEB lyt rd to cross 3									
0.00	30.00	2	30.00	0.10	0.10	0.10	-	6.00	Sqm
30.00	60.00	2	30.00	0.10	0.10	0.10	-	6.00	"
60.00	90.00	2	30.00	0.10	0.10	0.10	-	6.00	"
90.00	120.00	2	30.00	0.10	0.10	0.10	-	6.00	"
120.00	133.40	2	13.40	0.10	0.10	0.10	-	2.68	"
Cross 2 from 11th 'A' main rd									

Assl. Executive Engineer
Yelahanka Sub Division
(BBMP Yhk. Zn)
Yelahanka, Bangalore

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
4th cross rd (W0064) From 8th main rd to Dead end									
0.00	30.00	1	30.00	0.10	0.10	0.10	-	3.00	Sqm
30.00	60.00	1	30.00	0.10	0.10	0.10	-	3.00	"
60.00	90.00	1	30.00	0.10	0.10	0.10	-	3.00	"
90.00	98.50	1	8.50	0.10	0.10	0.10	-	0.85	"
Cross rd (W0166) From Main rd (W0169) to KEB Layout rd (W0154)									
0.00	30.00	1	30.00	0.10	0.10	0.10	-	3.00	Sqm
30.00	60.00	1	30.00	0.10	0.10	0.10	-	3.00	"
60.00	90.00	1	30.00	0.10	0.10	0.10	-	3.00	"
90.00	120.00	1	30.00	0.10	0.10	0.10	-	3.00	"
120.00	150.00	1	30.00	0.10	0.10	0.10	-	3.00	"
150.00	180.00	1	30.00	0.10	0.10	0.10	-	3.00	"
180.00	210.00	1	30.00	0.10	0.10	0.10	-	3.00	"
210.00	240.00	1	30.00	0.10	0.10	0.10	-	3.00	"
240.00	270.00	1	30.00	0.10	0.10	0.10	-	3.00	"
270.00	300.00	1	30.00	0.10	0.10	0.10	-	3.00	"
300.00	330.00	1	30.00	0.10	0.10	0.10	-	3.00	"
330.00	358.95	1	28.95	0.10	0.10	0.10	-	2.90	"
Cross rd (W0150) From Cross rd (W0195) to Dead end									
0.00	30.00	1	30.00	0.10	0.10	0.10	-	3.00	Sqm
30.00	60.00	1	30.00	0.10	0.10	0.10	-	3.00	"
60.00	90.00	1	30.00	0.10	0.10	0.10	-	3.00	"
90.00	120.00	1	30.00	0.10	0.10	0.10	-	3.00	"
120.00	150.00	1	30.00	0.10	0.10	0.10	-	3.00	"
150.00	180.00	1	30.00	0.10	0.10	0.10	-	3.00	"
180.00	210.00	1	30.00	0.10	0.10	0.10	-	3.00	"
210.00	216.55	1	6.55	0.10	0.10	0.10	-	0.66	"
KEB Layout rd (W0154) From Dead end to Cross rd (W0195)									
0.00	30.00	1	30.00	0.10	0.10	0.10	-	3.00	Sqm
30.00	60.00	1	30.00	0.10	0.10	0.10	-	3.00	"
60.00	90.00	1	30.00	0.10	0.10	0.10	-	3.00	"
90.00	120.00	1	30.00	0.10	0.10	0.10	-	3.00	"
120.00	150.00	1	30.00	0.10	0.10	0.10	-	3.00	"
150.00	180.00	1	30.00	0.10	0.10	0.10	-	3.00	"
180.00	210.00	1	30.00	0.10	0.10	0.10	-	3.00	"
210.00	240.00	1	30.00	0.10	0.10	0.10	-	3.00	"
240.00	270.00	1	30.00	0.10	0.10	0.10	-	3.00	"
270.00	289.50	1	19.50	0.10	0.10	0.10	-	1.95	"
Sri Nidhi layout main rd (W0130)									
0.00	30.00	1	30.00	0.10	0.10	0.10	-	3.00	Sqm
30.00	60.00	1	30.00	0.10	0.10	0.10	-	3.00	"
60.00	90.00	1	30.00	0.10	0.10	0.10	-	3.00	"
90.00	120.00	1	30.00	0.10	0.10	0.10	-	3.00	"
120.00	150.00	1	30.00	0.10	0.10	0.10	-	3.00	"
150.00	162.50	1	12.50	0.10	0.10	0.10	-	1.25	"
							Net Qty to be Paid	676.39	Sqm

A.E.E

Civil Pride Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward
13/06/2022

Asst. Executive Engineer
Assistant Executive Engineer
Yelahanka Sub-Division
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No.	21	Measurement Sheet

Item Name: KSRRB M800 Road markers/ Road stud , KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97-DO III Dt 11.06.1997.The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree.The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30mm)from the body is to be a minimum value of 500kg. Fixing will be by drilling holes on the road for the shanks to go inside, without ails and using epoxy resin based adhesive as per manufacture's recommendation and complete as directed by the engineer.(P.No-187,I No-24.41)

Premeasurement recorded on:

	Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
	Arun Patios Opposite cross road									
	0.00	30.00	3	30.00	-	-	-	-	90.00	Mtr
	30.00	60.00	3	30.00	-	-	-	-	90.00	Mtr
	60.00	90.00	3	30.00	-	-	-	-	90.00	Mtr
	90.00	120.00	3	30.00	-	-	-	-	90.00	Mtr
	120.00	150.00	3	30.00	-	-	-	-	90.00	Mtr
	150.00	180.00	3	30.00	-	-	-	-	90.00	Mtr
	180.00	198.00	3	18.00	-	-	-	-	54.00	Mtr
								Total Length	594.00	Mtr
								Number of Studs along road length/3	198.00	Nos
								Net Qty to be Paid	198.00	Nos

CIVIL PRIME CONSULTANTS & ENGINEERS Bangalore

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP West Zone)
B.B.M.P.
Yelahanka, Bangalore

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P.

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

I.No. 22 — **Measurement Sheet**

Item Name: KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications MORTH Specification No. 202(P.No.140- I.No.18.47) & Pg No.136, Item No 17.4,17.1 (8km lead = 57+2*1.28X8)

Premeasurement recorded on:

Chainage	Land Mark	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
			For CC road						
Kenchenahalli Main Road									
0.00	30.00	1	30.00	5.90	3.80	4.85	0.15	21.83	Cum
30.00	60.00	1	30.00	3.80	3.70	3.75	0.15	16.88	"
60.00	90.00	1	30.00	3.70	3.70	3.70	0.15	16.65	"
90.00	112.00	1	22.00	3.70	5.10	4.40	0.15	14.52	"
Gully 1		1	5.50	1.70	1.75	1.73	0.15	1.42	"
		1	2.40	1.25	1.15	1.20	0.15	0.43	"
Gully 2		1	4.30	1.80	1.80	1.80	0.15	1.16	"
		1	10.00	1.00	1.00	1.00	0.15	1.50	"
Deduction Steps(-)		-1	0.90	0.90	0.90	0.90	0.15	-0.12	"
Gully 3		1	11.00	1.30	1.40	1.35	0.15	2.23	"
Gully 4		1	7.20	1.00	1.40	1.20	0.15	1.30	"
		1	3.05	2.30	2.30	2.30	0.15	1.05	"
		1	4.90	2.10	2.10	2.10	0.15	1.54	"
		1	6.60	3.00	3.00	3.00	0.15	2.97	"
Gully 5		1	4.00	2.20	2.20	2.20	0.15	1.32	"
Gully 6		1	2.20	1.20	1.20	1.20	0.15	0.40	"
		1	13.60	1.20	1.20	1.20	0.15	2.45	"
Gully 7		1	8.00	1.20	1.15	1.18	0.15	1.41	"
Gully 8		1	7.40	1.80	1.90	1.85	0.15	2.05	"
Gully 9		1	13.30	1.20	1.10	1.15	0.15	2.29	"
		1	2.70	1.45	1.45	1.45	0.15	0.59	"
		1	1.25	0.65	0.70	0.68	0.15	0.13	"
Gully 10		1	7.50	2.20	1.50	1.85	0.15	2.08	"
		1	5.00	1.50	1.40	1.45	0.15	1.09	"
		1	7.10	3.30	3.40	3.35	0.15	3.57	"
		1	9.50	3.60	2.35	2.98	0.15	4.24	"
Gully 11		1	2.40	0.70	0.70	0.70	0.15	0.25	"
		1	4.60	1.60	1.60	1.60	0.15	1.10	"
		1	9.50	3.60	2.35	2.98	0.15	4.24	"
Gully 12		1	10.00	3.60	2.25	2.93	0.15	4.39	"
		1	20.80	1.00	1.00	1.00	0.15	3.12	"
Gully 13		1	5.00	0.60	0.60	0.60	0.15	0.45	"
		1	8.00	1.00	1.00	1.00	0.15	1.20	"
Gully 14		1	9.00	0.70	0.70	0.70	0.15	0.95	"
Gully 15		1	8.60	3.10	2.10	2.60	0.15	3.35	"
Gully 16		1	4.30	3.10	2.90	3.00	0.15	1.94	"
		1	8.70	3.00	3.00	3.00	0.15	3.92	"
Gully 17									

Checked A.E.E

CIVIL PRIME CONSULTANTS AND ENGINEERS Bangalore

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
30.00	34.40	1	4.40	5.00	5.00	5.00	0.15	3.30	"
Nagenahalli									"
0.00	30.00	1	30.00	4.60	3.70	4.15	0.15	18.68	"
30.00	42.60	1	12.60	3.70	3.40	3.55	0.15	6.71	"
Cross rd(W0193)									
0.00	30.00	1	30.00	5.50	5.70	5.60	0.15	25.20	Cum
30.00	60.00	1	30.00	5.70	6.00	5.85	0.15	26.33	"
60.00	90.00	1	30.00	6.00	6.10	6.05	0.15	27.23	"
90.00	120.00	1	30.00	6.10	5.60	5.85	0.15	26.33	"
120.00	126.00	1	6.00	5.60	5.60	5.60	0.15	5.04	"
Cross rd(W0138)									
0.00	30.00	1	30.00	7.20	6.20	6.70	0.15	30.15	Cum
30.00	60.00	1	30.00	6.20	5.40	5.80	0.15	26.10	"
60.00	76.00	1	16.00	5.40	5.50	5.45	0.15	13.08	"
Harohalli cross rd 1									
0.00	15.30	1	15.30	5.30	6.10	5.70	0.15	13.08	Cum
15.30	45.30	1	30.00	5.80	6.60	6.20	0.15	27.90	"
45.30	75.30	1	30.00	6.60	6.00	6.30	0.15	28.35	"
75.30	103.90	1	28.60	6.00	6.00	6.00	0.15	25.74	"
103.90	127.90	1	24.00	3.00	3.00	3.00	0.15	10.80	"
Harohalli cross rd 2									
0.00	30.00	1	30.00	3.80	4.50	4.15	0.20	24.90	Cum
30.00	33.00	1	3.00	5.80	4.60	5.20	0.20	3.12	"
5th cross rd Vishnu Priya lyt(W0070)									
0.00	30.00	1	30.00	5.80	7.00	6.40	0.15	28.80	Cum
30.00	60.00	1	30.00	7.00	7.20	7.10	0.15	31.95	"
60.00	90.00	1	30.00	7.20	6.60	6.90	0.15	31.05	"
90.00	105.70	1	15.70	6.60	7.30	6.95	0.15	16.37	"
							Net Qty to be Paid	913.91	Cum

Ramesh A.E.E

CIVIL PRIME CONSULTANTS & ENGINEERS Bangalore

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward

Assistant Executive Engineer
Yelahanka Sub Division
(B.B.M.P. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE
YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No. 23

Item Name: KSRRB M600-1. Providing and Constructing dry lean cement concrete mix CC1:5:10 Base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum over a prepared sub-base coarse and fine aggregate conforming to IS: 383-2016, aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. do- with OPC at 150 kg/cum and Coarse agrregate 0.86cum, Fine aggregate 0.58cum using Concrete batch Mix Plant at 75 Cum/hr capacity with fixed form PaverMORTH Specification No. 601, Pg No.174Item No.22.1.2

Premeasurement recorded on:

Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
For CC road									
Kenchenahalli Main Road									
0.00	30.00	1	30.00	5.90	3.80	4.85	0.15	21.82	Cum
30.00	60.00	1	30.00	3.80	3.70	3.75	0.15	16.88	"
60.00	90.00	1	30.00	3.70	3.70	3.70	0.15	16.65	"
90.00	112.00	1	22.00	3.70	5.10	4.40	0.15	14.52	"
Gully 1		1	5.50	1.70	1.75	1.73	0.15	1.42	"
		1	2.40	1.25	1.15	1.20	0.15	0.43	"
Gully 2		1	4.30	1.80	1.80	1.80	0.15	1.16	"
		1	10.00	1.00	1.00	1.00	0.15	1.50	"
Deduction Steps(-)		-1	0.90	0.90	0.90	0.90	0.15	-0.12	"
Gully 3		1	11.00	1.30	1.40	1.35	0.15	2.23	"
Gully 4		1	7.20	1.00	1.40	1.20	0.15	1.30	"
		1	3.05	2.30	2.30	2.30	0.15	1.05	"
		1	4.90	2.10	2.10	2.10	0.15	1.54	"
		1	6.60	3.00	3.00	3.00	0.15	2.97	"
Gully 5		1	4.00	2.20	2.20	2.20	0.15	1.32	"
Gully 6		1	2.20	1.20	1.20	1.20	0.15	0.40	"
		1	13.60	1.20	1.20	1.20	0.15	2.45	"
Gully 7		1	8.00	1.20	1.15	1.18	0.15	1.41	"
Gully 8		1	7.40	1.80	1.90	1.85	0.15	2.05	"
Gully 9		1	13.30	1.20	1.10	1.15	0.15	2.29	"
		1	2.70	1.45	1.45	1.45	0.15	0.59	"
		1	1.25	0.65	0.70	0.68	0.15	0.13	"
		1	7.50	2.20	1.50	1.85	0.15	2.08	"
Gully 10		1	5.00	1.50	1.40	1.45	0.15	1.09	"
		1	7.10	3.30	3.40	3.35	0.15	3.57	"
		1	9.50	3.60	2.35	2.98	0.15	4.24	"
Gully 11		1	2.40	0.70	0.70	0.70	0.15	0.25	"
		1	4.60	1.60	1.60	1.60	0.15	1.10	"
		1	9.50	3.60	2.35	2.98	0.15	4.24	"
Gully 12		1	10.00	3.60	2.25	2.93	0.15	4.39	"
		1	20.80	1.00	1.00	1.00	0.15	3.12	"
Gully 13		1	5.00	0.60	0.60	0.60	0.15	0.45	"
		1	8.00	1.00	1.00	1.00	0.15	1.20	"
Gully 14		1	9.00	0.70	0.70	0.70	0.15	0.95	"
Gully 15									

CONSULTANTS AND ENGINEERS Bangalore

AE-02

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP YnK Zn)
Yelahanka, Bangalore

Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
Gully 16		1	8.60	3.10	2.10	2.60	0.15	3.35	"
		1	4.30	3.10	2.90	3.00	0.15	1.94	"
Gully 17		1	8.70	3.00	3.00	3.00	0.15	3.92	"
Gully 18		1	16.60	2.00	1.80	1.90	0.15	4.73	"
		1	1.60	1.00	1.00	1.00	0.15	0.24	"
Gully 19		1	14.40	4.60	3.70	4.15	0.15	8.96	"
		1	10.60	1.90	1.25	1.58	0.15	2.50	"
		1	1.70	0.65	0.65	0.65	0.15	0.17	"
		1	9.30	1.30	1.30	1.30	0.15	1.81	"
		1	2.60	0.75	0.75	0.75	0.15	0.29	"
1st Cross Kenchanahalli									
Temple L/s		1	4.30	2.50	2.50	2.50	0.15	1.61	Cum
		1	5.30	6.50	6.30	6.40	0.15	5.09	"
		1	2.30	2.10	2.10	2.10	0.15	0.72	"
Temple R/s		1	24.90	4.40	4.40	4.40	0.15	16.43	"
		1	3.00	1.70	1.70	1.70	0.15	0.77	"
Temple Back Side		1	17.30	13.30	6.40	9.85	0.15	25.56	"
0.00	30.00	1	30.00	5.80	4.30	5.05	0.15	22.73	"
30.00	60.00	1	30.00	4.30	4.80	4.55	0.15	20.48	"
60.00	73.30	1	13.30	4.80	5.20	5.00	0.15	9.98	"
Gully A		1	15.00	2.00	2.00	2.00	0.15	4.50	"
Gully B		1	10.00	1.50	1.50	1.50	0.15	2.25	"
Gully C		1	8.00	1.20	1.20	1.20	0.15	1.44	"
Harohalli									
0.00	11.20	1	11.20	3.50	3.30	3.40	0.15	5.71	Cum
11.20	22.80	1	11.60	2.40	2.50	2.45	0.15	4.26	"
									"
0.00	8.00	1	8.00	2.50	2.50	2.50	0.15	3.00	Cum
8.00	32.60	1	24.60	2.50	3.20	2.85	0.15	10.52	"
0.00	16.40	1	16.40	3.70	4.10	3.90	0.15	9.59	Cum
16.40	40.00	1	23.60	3.00	2.60	2.80	0.15	9.91	"
40.00	63.10	1	23.10	3.50	3.60	3.55	0.15	12.30	"
63.10	72.60	1	9.50	3.20	3.20	3.20	0.15	4.56	"
0.00	8.20	1	8.20	3.30	3.40	3.35	0.15	4.12	Cum
0.00	5.00	1	5.00	3.40	3.40	3.40	0.15	2.55	Cum
5.00	12.40	1	7.40	3.00	3.10	3.05	0.15	3.39	"
12.40	42.40	1	30.00	3.70	3.10	3.40	0.15	15.30	"
42.40	72.40	1	30.00	3.10	2.90	3.00	0.15	13.50	"
72.40	81.70	1	9.30	2.90	3.50	3.20	0.15	4.46	"
		1	6.00	3.80	3.80	3.80	0.15	3.42	"
Gully 6		1	3.00	0.75	0.70	0.73	0.15	0.33	Cum
Gully 7		1	7.90	0.85	0.85	0.85	0.15	1.01	"
0.00	29.30	1	29.30	4.80	4.80	4.80	0.15	21.10	Cum
29.30	59.30	1	30.00	3.50	6.65	5.08	0.15	22.84	"
59.30	61.00	1	1.70	6.65	6.70	6.68	0.15	1.70	"
0.00	10.80	1	10.80	3.30	3.30	3.30	0.15	5.35	Cum
									"
0.00	12.70	1	12.70	4.60	4.70	4.65	0.15	8.86	"
0.00	5.60	1	5.60	2.30	3.30	2.80	0.15	2.35	Cum
5.60	15.00	1	9.40	2.70	6.10	4.40	0.15	6.20	"

Checked

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

	Chainage	Land Mark	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
			1	5.70	1.30	1.30	1.30	0.15	1.11	"
	0.00	30.00	1	30.00	4.70	5.00	4.85	0.15	21.83	Cum
	30.00	34.40	1	4.40	5.00	5.00	5.00	0.15	3.30	"
	Nagenahalli									"
	0.00	30.00	1	30.00	4.60	3.70	4.15	0.15	18.68	Cum
	30.00	42.60	1	12.60	3.70	3.40	3.55	0.15	6.71	"
	Cross rd(W0193)									
	0.00	30.00	1	30.00	5.50	5.70	5.60	0.15	25.20	Cum
	30.00	60.00	1	30.00	5.70	6.00	5.85	0.15	26.33	"
	60.00	90.00	1	30.00	6.00	6.10	6.05	0.15	27.23	"
	90.00	120.00	1	30.00	6.10	5.60	5.85	0.15	26.33	"
	120.00	126.00	1	6.00	5.60	5.60	5.60	0.15	5.04	"
	Cross rd(W0138)									
	0.00	30.00	1	30.00	7.20	6.20	6.70	0.15	30.15	Cum
	30.00	60.00	1	30.00	6.20	5.40	5.80	0.15	26.10	"
	60.00	76.00	1	16.00	5.40	5.50	5.45	0.15	13.08	"
	Harohalli cross rd 1									
	0.00	15.30	1	15.30	5.30	6.10	5.70	0.15	13.08	Cum
	15.30	45.30	1	30.00	5.80	6.60	6.20	0.15	27.90	"
	45.30	75.30	1	30.00	6.60	6.00	6.30	0.15	28.35	"
	75.30	103.90	1	28.60	6.00	6.00	6.00	0.15	25.74	"
	103.90	127.90	1	24.00	3.00	3.00	3.00	0.15	10.80	"
	Harohalli cross rd 2									
	0.00	30.00	1	30.00	3.80	4.50	4.15	0.15	18.68	Cum
	30.00	33.00	1	3.00	5.80	4.60	5.20	0.15	2.34	"
	5th cross rd Vishnu Priya lyt(W0070)									
	0.00	30.00	1	30.00	5.80	7.00	6.40	0.15	28.80	Cum
	30.00	60.00	1	30.00	7.00	7.20	7.10	0.15	31.95	"
	60.00	90.00	1	30.00	7.20	6.60	6.90	0.15	31.05	"
	90.00	105.70	1	15.70	6.60	7.30	6.95	0.15	16.37	"
								Net Qty to be Paid	902.58	Cum

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No,002
Chowdeshwari ward

13/06/2022

Asst. Executive Engineer
Yelahanka Sub. Division
BBMP, Yelahanka Zone
Bangalore

A.E.E

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE
YALAHANKA DIVISION

NAME OF WORK: Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout,KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02) (Number of Works-05)

Measurement Sheet

I.No. 24

Item Name: Cement concrete pavement Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargesof machines,all lead and lift charges etc., complete as per specifications. - do with OPC at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum Pg No.176Item No.22.6.1

Bill measurement recorded on:

	Chainage / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	UNIT
	For CC road									
	Kenchenahalli Main Road									
	0.00	30.00	1	30.00	5.90	3.80	4.85	0.15	21.83	Cum
	30.00	60.00	1	30.00	3.80	3.70	3.75	0.15	16.88	"
	60.00	90.00	1	30.00	3.70	3.70	3.70	0.15	16.65	"
	90.00	112.00	1	22.00	3.70	5.10	4.40	0.15	14.52	"
	Gully 1		1	5.50	1.70	1.75	1.73	0.15	1.42	"
			1	2.40	1.25	1.15	1.20	0.15	0.43	"
	Gully 2		1	4.30	1.80	1.80	1.80	0.15	1.16	"
			1	10.00	1.00	1.00	1.00	0.15	1.50	"
	Deduction Steps(-)		-1	0.90	0.90	0.90	0.90	0.15	-0.12	"
	Gully 3		1	11.00	1.30	1.40	1.35	0.15	2.23	"
	Gully 4		1	7.20	1.00	1.40	1.20	0.15	1.30	"
			1	3.05	2.30	2.30	2.30	0.15	1.05	"
			1	4.90	2.10	2.10	2.10	0.15	1.54	"
			1	6.60	3.00	3.00	3.00	0.15	2.97	"
	Gully 5		1	4.00	2.20	2.20	2.20	0.15	1.32	"
	Gully 6		1	2.20	1.20	1.20	1.20	0.15	0.40	"
			1	13.60	1.20	1.20	1.20	0.15	2.45	"
	Gully 7		1	8.00	1.20	1.15	1.18	0.15	1.41	"
	Gully 8		1	7.40	1.80	1.90	1.85	0.15	2.05	"
	Gully 9		1	13.30	1.20	1.10	1.15	0.15	2.29	"
			1	2.70	1.45	1.45	1.45	0.15	0.59	"
			1	1.25	0.65	0.70	0.68	0.15	0.13	"
			1	7.50	2.20	1.50	1.85	0.15	2.08	"
	Gully 10		1	5.00	1.50	1.40	1.45	0.15	1.09	"
			1	7.10	3.30	3.40	3.35	0.15	3.57	"
			1	9.50	3.60	2.35	2.98	0.15	4.24	"
	Gully 11		1	2.40	0.70	0.70	0.70	0.15	0.25	"
			1	4.60	1.60	1.60	1.60	0.15	1.10	"
			1	9.50	3.60	2.35	2.98	0.15	4.24	"
	Gully 12		1	10.00	3.60	2.25	2.93	0.15	4.39	"
			1	20.80	1.00	1.00	1.00	0.15	3.12	"
	Gully 13		1	5.00	0.60	0.60	0.60	0.15	0.45	"

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage		NO	L	B1	B2	Avg B	D	QTY	UNIT
Land Mark			(m)	(m)	(m)	(m)	(m)		
		1	5.70	1.30	1.30	1.30	0.15	1.11	"
0.00	30.00	1	30.00	4.70	5.00	4.85	0.15	21.82	"
30.00	34.40	1	4.40	5.00	5.00	5.00	0.15	3.30	"
Nagenahalli									"
0.00	30.00	1	30.00	4.60	3.70	4.15	0.15	18.68	"
30.00	42.60	1	12.60	3.70	3.40	3.55	0.15	6.71	"
Cross rd(W0193)									
0.00	30.00	1	30.00	5.50	5.70	5.60	0.15	25.20	"
30.00	60.00	1	30.00	5.70	6.00	5.85	0.15	26.33	"
60.00	90.00	1	30.00	6.00	6.10	6.05	0.15	27.23	"
90.00	120.00	1	30.00	6.10	5.60	5.85	0.15	26.33	"
120.00	126.00	1	6.00	5.60	5.60	5.60	0.15	5.04	"
Cross rd(W0138)									
0.00	30.00	1	30.00	7.20	6.20	6.70	0.15	30.15	"
30.00	60.00	1	30.00	6.20	5.40	5.80	0.15	26.10	"
60.00	76.00	1	16.00	5.40	5.50	5.45	0.15	13.08	"
Harohalli cross rd 1									
0.00	15.30	1	15.30	5.30	6.10	5.70	0.15	13.08	"
15.30	45.30	1	30.00	5.80	6.60	6.20	0.15	27.90	"
45.30	75.30	1	30.00	6.60	6.00	6.30	0.15	28.35	"
75.30	103.90	1	28.60	6.00	6.00	6.00	0.15	25.74	"
103.90	127.90	1	24.00	3.00	3.00	3.00	0.15	10.80	"
Harohalli cross rd 2									
0.00	30.00	1	30.00	3.80	4.50	4.15	0.15	18.68	"
30.00	33.00	1	3.00	5.80	4.60	5.20	0.15	2.34	"
5th cross rd Vishnu Priya lyt(W0070)									
0.00	30.00	1	30.00	5.80	7.00	6.40	0.15	28.80	"
30.00	60.00	1	30.00	7.00	7.20	7.10	0.15	31.95	"
60.00	90.00	1	30.00	7.20	6.60	6.90	0.15	31.05	"
90.00	105.70	1	15.70	6.60	7.30	6.95	0.15	16.37	"
							Net Qty to be Paid	902.58	Cum

Civil Prime Consultants & Engineers

Contractor

Assistant Engineer
Ward No.002
Chowdeshwari ward
13/06/2022

Assistant Executive Engineer
Yelahanka Sub-Division
(BBMP Yelahanka Zone)
B.B.M.P.
Yelahanka, Bangalore
13/06/2022